

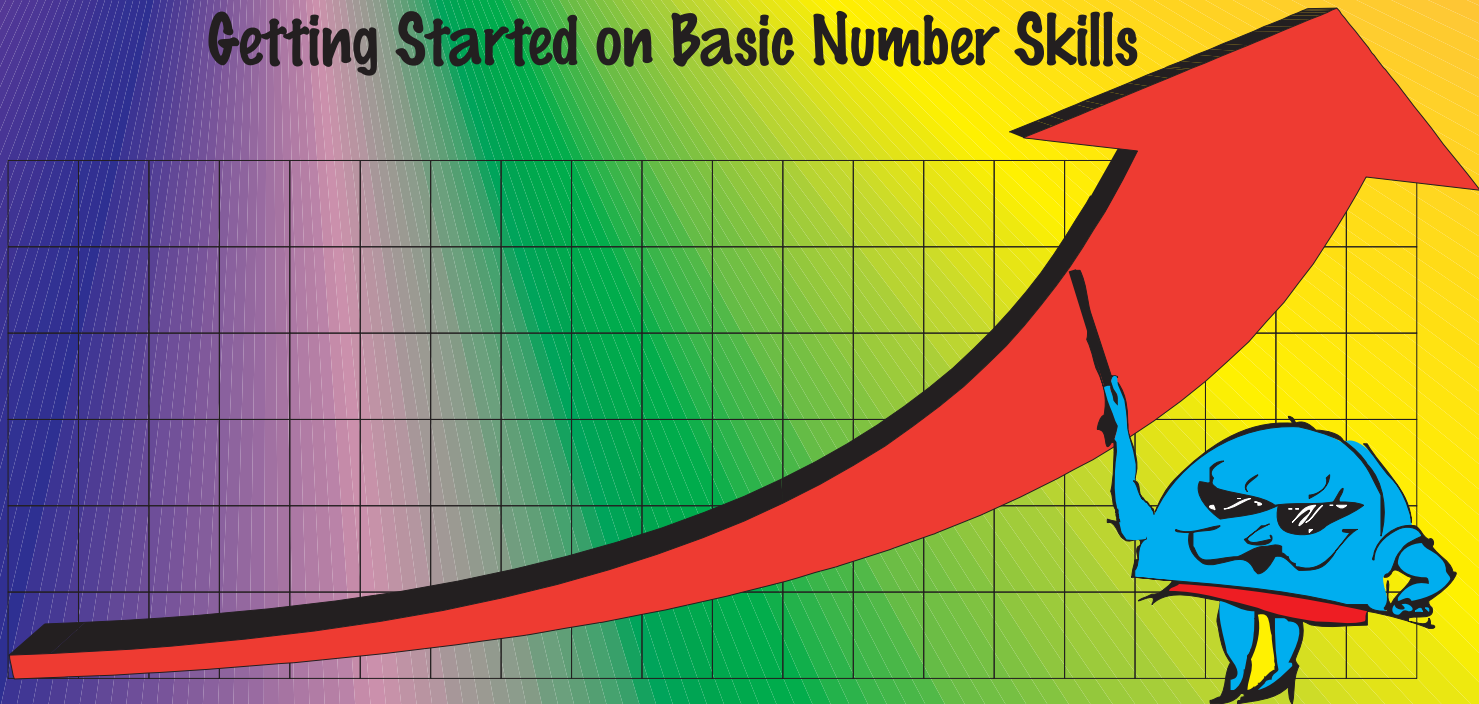
Mighty MATH

for 9-12 year olds

book 1

the Whizz Kids Worksheets

Getting Started on Basic Number Skills



Kim Freeman

Published by Mahobe Resources (NZ) Ltd

What is Mighty Math?

Mighty Math is a series of workbooks designed to support the Math Curriculum. Each book is a culmination of many years teaching experience by the author. By using these books, students can practise and discover the mathematical concepts and principles that are essential for success in school mathematics. The pages provide 9 - 12 year old students with both reinforcement and extension to their normal school mathematics lessons. This allows them to maintain the skills that they already have and helps to overcome any weaknesses. The pages can also complement school lessons, helping the student to develop faster in mathematics, and give them a "head start" in class.

There are 8 books in the series for 9-12 year olds. All can be downloaded for FREE.

The series covers all the strands and relevant age group levels of Mathematics in the New Zealand Curriculum: Number, Measurement, Geometry, Algebra, and Statistics. Within these strands, students will get practice at: calculating, estimating and using measuring equipment. We are sure that the work will fit into any mathematics curriculum.



If you use the sheets often, or if you just find Mighty Math really useful then you might consider a \$2 donation. Send your money through PayPal: admin@mahobe.co.nz

MIGHTY MATHS for 9 - 12 year olds
Book 1: The Whizz Kids Worksheets
Kim Freeman

This edition is Part 1 of an 8 Part eBook series.

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WHIZZ-KIDS WORKSHEET!

- THIS IS THE FIRST OF 30 W.K.W.S. WORK THROUGH THEM, RECORD YOUR RESULTS ON THE GRAPH AT THE BACK OF THE BOOK, & WATCH YOURSELF IMPROVE!

NIFTY NUMBERS

$$\begin{array}{ll} 15+5 = \underline{\quad} & 12 \times 7 = \underline{\quad} \\ 3 \times 12 = \underline{\quad} & 4+28 = \underline{\quad} \\ 16+7 = \underline{\quad} & 19-17 = \underline{\quad} \\ 20-17 = \underline{\quad} & 45 \div 9 = \underline{\quad} \\ 5 \times 0 = \underline{\quad} & 55 \div 5 = \underline{\quad} \\ 36 \div 9 = \underline{\quad} & 31+11 = \underline{\quad} \\ 13+8 = \underline{\quad} & 12-12 = \underline{\quad} \\ 2 \times 26 = \underline{\quad} & 13+13 = \underline{\quad} \\ 4 \times 15 = \underline{\quad} & 16 \times 3 = \underline{\quad} \\ 99 \div 11 = \underline{\quad} & 14+26 = \underline{\quad} \end{array}$$

POSSIBLE PATTERNS

2, 4, 6, __, 10
5, 10, 15, 20, __
1, 7, 13, __, 25
50, 100, 200, 400, __
15, 35, 55, 75, __
1, 6, 10, 13, 15, __
1, 3, 7, 15, __, __
100, 80, 60, __, __
1, 4, 10, 22, __, __
2, 5, 9, 14, __, __

THE QUINTUS QUIZ

$$7 \overline{) 385}$$

$$6 \overline{) 768}$$

$$4 \overline{) 88} \quad 3 \overline{) 99}$$

$$11 \overline{) 1991}$$

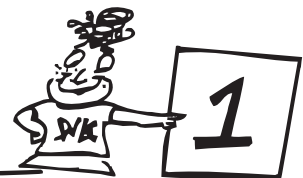
WORDY WHIMS

$$\begin{array}{l} 4 \text{ PLUS } 2 = \underline{\quad} \\ 10 \text{ MINUS } 5 = \underline{\quad} \\ 3 \text{ LESS THAN } 15 = \underline{\quad} \\ \text{FIVE FIVES} = \underline{\quad} \\ \text{HOW MANY 2's IN 20} \underline{\quad} \\ \text{DIVIDE 24 BY 3} \underline{\quad} \\ \text{PRODUCT OF 3 AND 9} \underline{\quad} \\ \text{NINE PLUS 6} = \underline{\quad} \\ 24 \text{ TAKEAWAY 9} = \underline{\quad} \\ 3 \text{ MORE THAN 5} = \underline{\quad} \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 5+12 = \underline{\quad} + 8 \\ 25 - \underline{\quad} = 8 \times 2 \\ \text{TOTAL OF 5, 7, 8, 4} \underline{\quad} \\ \text{DIFFERENCE BETWEEN 16 \& 9} \underline{\quad} \\ 210 \div 012 = \underline{\quad} \\ 144 - 144 = \underline{\quad} \\ \text{FOUR LOTS OF } \underline{\quad} \text{ EQUAL 100} \\ 10 \times 10 \times 10 = \underline{\quad} \\ \text{HALF OF 4} \underline{\quad} \\ \$10 \text{ DIVIDED INTO 5 PEOPLE } \underline{\quad} \end{array}$$

NUMBER OF MISTAKES _____



WHIZZ-KIDS WORKSHEET!



NIFTY NUMBERS

$$\begin{array}{l} 7 + 8 = \underline{\quad} \\ 9 - 1 = \underline{\quad} \\ 8 \times 6 = \underline{\quad} \\ 9 \div 3 = \underline{\quad} \\ 6 + 5 = \underline{\quad} \\ 5 - 2 = \underline{\quad} \\ 4 \times 7 = \underline{\quad} \\ 7 \div 1 = \underline{\quad} \\ 3 + 9 = \underline{\quad} \\ 9 + 9 = \underline{\quad} \end{array}$$

DANDY DECIMALS

$$\begin{array}{l} 0.4 + 0.1 = \underline{\quad} \\ 0.3 + 0.3 = \underline{\quad} \\ 0.4 - 0.1 = \underline{\quad} \\ 0.3 - 0.3 = \underline{\quad} \\ 1.2 + 0.7 = \underline{\quad} \\ 1.8 - 0.7 = \underline{\quad} \\ 3 \times 0.2 = \underline{\quad} \\ 2 \times 0.4 = \underline{\quad} \\ \frac{0.6}{2} = \underline{\quad} \quad \frac{1.2}{2} = \underline{\quad} \end{array}$$

RADICAL ROMANS

$$\begin{array}{l} \text{III} = \underline{\quad} \\ \text{V} = \underline{\quad} \\ \text{VII} = \underline{\quad} \\ \text{X} = \underline{\quad} \\ \text{XI} = \underline{\quad} \\ \underline{\quad} = 2 \\ \underline{\quad} = 4 \\ \underline{\quad} = 8 \\ \underline{\quad} = 12 \\ \underline{\quad} = 20 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 123 + 200 = \underline{\quad} \\ 300 + 300 = \underline{\quad} \\ 200 - 185 = \underline{\quad} \\ 300 - 140 = \underline{\quad} \\ 40 \times 5 = \underline{\quad} \\ 90 \times 10 = \underline{\quad} \\ 50 \div 5 = \underline{\quad} \\ 1200 \div 10 = \underline{\quad} \\ 333 + 222 = \underline{\quad} \\ 543 - 345 = \underline{\quad} \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT _____
IT TOOK _____ MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR _____ HOURS. SUPPER
WAS AT _____ TODAY. I WAS
OUT OF BED FOR _____ HOURS.

- MONDAY -

OUT OF BED 6:00 a.m.

LEFT HOME 8:00

GOT TO SCHOOL 9:00

SCHOOL FINISHED 3:00

ARRIVED HOME 4:00

SUPPER TIME 8:30

INTO MY BED 9:00

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$2 + 3 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$4 + 9 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$5 \div 1 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$9 + 4 = \underline{\quad}$



MONEY MIXTURES

$10c + 10c = \underline{\quad}$

$20c - 10c = \underline{\quad}$

$2 \times 15c = \underline{\quad}$

$5 \times 20c = \underline{\quad}$

$20c + 20c = \underline{\quad}$

$50c - 20c = \underline{\quad}$

$\$6 + \$5 = \underline{\quad}$

$\$8 - \$7 = \underline{\quad}$

$\$10 \times 8 = \underline{\quad}$

$\$10 \div 5 = \underline{\quad}$

VISCOUS VARIABLES

$a + a = \underline{\quad}$

$b + b = \underline{\quad}$

$2c + c = \underline{\quad}$

$2d + 2d = \underline{\quad}$

$4e + 3e = \underline{\quad}$

$f - f = \underline{\quad}$

$2g - g = \underline{\quad}$

$4h - h = \underline{\quad}$

$3i - 2i = \underline{\quad}$

$j + j + j = \underline{\quad}$

EXTRA EXAMPLES

$100 + 123 = \underline{\quad}$

$200 + 300 = \underline{\quad}$

$100 - 85 = \underline{\quad}$

$200 - 160 = \underline{\quad}$

$50 \times 7 = \underline{\quad}$

$80 \times 10 = \underline{\quad}$

$30 \div 3 = \underline{\quad}$

$60 \div 10 = \underline{\quad}$

$111 + 111 = \underline{\quad}$

$234 - 134 = \underline{\quad}$

THE QUINTUS QUIZ

- HOW MANY DAYS IN FEBRUARY?
- WHAT DAY IS MARCH 12th?
- WHAT DATE IS THE SECOND THURSDAY OF MARCH?
- WHAT DATE IS THE FOURTH MONDAY OF FEBRUARY?
- HOW MANY FRIDAYS IN MARCH?

FEBRUARY						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$4 + 5 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$

$3 \div 1 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$7 - 5 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$8 \div 4 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

TRENDY TABLES

$2 \times 1 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$2 \times \underline{\quad} = 10$

$2 \times \underline{\quad} = 14$

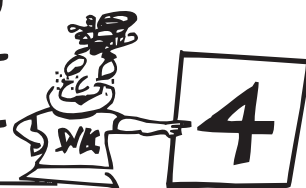
$2 \times \underline{\quad} = 12$

$2 \times 9 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$2 \times \underline{\quad} = 26$

$2 \times \underline{\quad} = 24$



SOFT SUBSTITUTES

$a = 3, a + 5 = \underline{\quad}$

$b = 4, b + 12 = \underline{\quad}$

$c = 8, c - 1 = \underline{\quad}$

$d = 7, d - 3 = \underline{\quad}$

$e = 5, 4 + e = \underline{\quad}$

$f = 2, 9 - f = \underline{\quad}$

$g = 6, 3g = \underline{\quad}$

$h = 9, 4h = \underline{\quad}$

$i = 1, 10i = \underline{\quad}$

$j = 10, 5j = \underline{\quad}$

EXTRA EXAMPLES

$6 \text{ ADDED TO } 27 \text{ IS } \underline{\quad}$

$3 \text{ TIMES } 18 \text{ IS } \underline{\quad}$

$\$4.50 + \$6.25 = \underline{\quad}$

$\$5.80 + \$7.80 = \underline{\quad}$

$462 = 400 + \underline{\quad} + 2$

$500 + 20 + 6 = \underline{\quad}$

$210 + 123 = \underline{\quad}$

$157 + 225 = \underline{\quad}$

$240 - 130 = \underline{\quad}$

$188 - 66 = \underline{\quad}$

THE QUINTUS QUIZ

- FIND THE COST FOR...

2 PARENTS ONLY $\underline{\quad}$

1 PARENT & 1 CHILD $\underline{\quad}$

2 PARENTS & 2 CHILDREN $\underline{\quad}$

1 PARENT & 3 CHILDREN $\underline{\quad}$

4 PARENTS & 2 CHILDREN $\underline{\quad}$



NUMBER OF MISTAKES $\underline{\quad}$

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$6 + 8 = \underline{\hspace{2cm}}$

$8 - 6 = \underline{\hspace{2cm}}$

$5 \times 3 = \underline{\hspace{2cm}}$

$6 \div 2 = \underline{\hspace{2cm}}$

$7 + 4 = \underline{\hspace{2cm}}$

$5 - 5 = \underline{\hspace{2cm}}$

$6 \times 6 = \underline{\hspace{2cm}}$

$8 \div 8 = \underline{\hspace{2cm}}$

$7 + 7 = \underline{\hspace{2cm}}$

$5 + 6 = \underline{\hspace{2cm}}$



FANTASTIC FRACTIONS

$\frac{1}{2} \text{ OF } 2 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 6 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 14 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 20 = \underline{\hspace{2cm}}$

$\frac{1}{2} \times \frac{1}{2} = \underline{\hspace{2cm}}$

$\frac{3}{5} \times \frac{4}{7} = \underline{\hspace{2cm}}$

$\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$

$\frac{2}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$

$\frac{1}{2} - \frac{1}{2} = \underline{\hspace{2cm}}$

$\frac{1}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$

MIGHTY METRICS

$60\text{m} + 50\text{m} = \underline{\hspace{2cm}}$

$48\text{cm} + 16\text{cm} = \underline{\hspace{2cm}}$

$87\text{m} - 47\text{m} = \underline{\hspace{2cm}}$

$54\text{mm} - 26\text{mm} = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} \text{ cm} = 1\text{m}$

$\underline{\hspace{2cm}} \text{ cm} = 2\text{m}$

$1000 \text{ ml} = \underline{\hspace{2cm}} \text{ l}$

$3000 \text{ ml} = \underline{\hspace{2cm}} \text{ l}$

$1234 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

$\underline{\hspace{2cm}} \text{ g} = 4.321 \text{ kg}$

EXTRA EXAMPLES

$7 \text{ DAYS} = \underline{\hspace{2cm}} \text{ WEEK}$

$\underline{\hspace{2cm}} \text{ SECONDS IN } 1 \text{ MINUTE}$

$0.6 + 0.5 = \underline{\hspace{2cm}}$

$1.8 - 0.9 = \underline{\hspace{2cm}}$

$0.2 \times 4 = \underline{\hspace{2cm}}$

$0.4 \div 2 = \underline{\hspace{2cm}}$

$1, 2, 4, \underline{\hspace{2cm}}, 16$

$238 + 832 = \underline{\hspace{2cm}}$

$541 - 268 = \underline{\hspace{2cm}}$

$2^2 = \underline{\hspace{2cm}}$

THE QUINTUS QUIZ

- FIND THE COST OF...

6 PENCILS $\underline{\hspace{2cm}}$

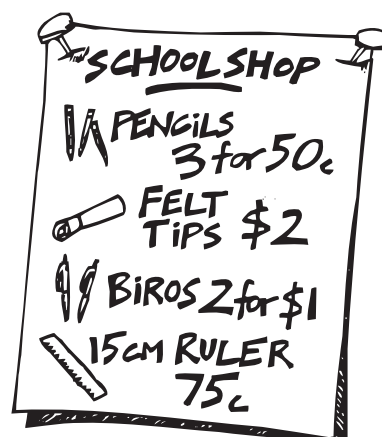
3 FELT TIPS $\underline{\hspace{2cm}}$

2 RULERS $\underline{\hspace{2cm}}$

3 PENCILS & 2 BIROS $\underline{\hspace{2cm}}$

3 FELT TIPS, 2 BIROS,

& 2 RULERS $\underline{\hspace{2cm}}$



NUMBER OF MISTAKES $\underline{\hspace{2cm}}$

WHIZZ-KIDS WORKSHEET!



NIFTY NUMBERS

$$\begin{array}{ll} 5+10 = \underline{\quad} & 14+8 = \underline{\quad} \\ 18-9 = \underline{\quad} & 19-6 = \underline{\quad} \\ 15-12 = \underline{\quad} & 15+12 = \underline{\quad} \\ 37+12 = \underline{\quad} & 48 \div 4 = \underline{\quad} \\ 2 \times 11 = \underline{\quad} & 32-8 = \underline{\quad} \\ 25+8 = \underline{\quad} & 54 \div 6 = \underline{\quad} \\ 6 \times 40 = \underline{\quad} & 22 \times 2 = \underline{\quad} \\ 15 \times 7 = \underline{\quad} & 15 \times 3 = \underline{\quad} \\ 48 \div 8 = \underline{\quad} & 9 \times 9 = \underline{\quad} \\ 15 \div 5 = \underline{\quad} & 12 \times 12 = \underline{\quad} \end{array}$$

CALENDAR COLLECTIONS

HOW MANY DAYS IN MAY?

HOW MANY MONDAYS IN FEBRUARY?

WHAT DAY WAS 31ST JANUARY?

HOW MANY SCHOOL DAYS IN JUNE?

WHAT DATE IS THE LAST FRIDAY
IN MAY? _____

HOW MANY DAYS IN OCTOBER &
NOVEMBER? _____

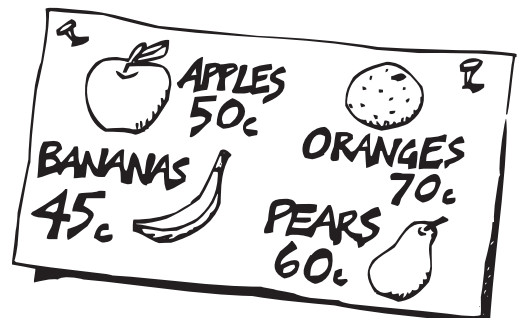
HOW MANY DAYS TO THE NEXT
HOLIDAY? _____

HOW MANY DAYS IN A YEAR?

EASY EQUATIONS

$$\begin{array}{l} 5 + \underline{\quad} = 9 \\ 14 - \underline{\quad} = 12 \\ 15 \times \underline{\quad} = 45 \\ \underline{\quad} \times 6 = 36 \\ \underline{\quad} + 8 = 15 \\ \underline{\quad} - 12 = 16 \\ 4 + \underline{\quad} = 16 + 2 \\ 8 + \underline{\quad} = 15 - 3 \\ 12 - \underline{\quad} = 8 + 2 \\ 2 \times 10 = \underline{\quad} \times 5 \end{array}$$

MONEY MIXTURES



- FIND THE COST OF:

2 APPLES _____

3 ORANGES _____

3 BANANAS AND A PEAR

- WHAT IS THE CHANGE FROM
\$10 IF I BUY:

10 APPLES _____

12 ORANGES AND A PEAR

10 BANANAS AND AN APPLE

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll}
 17 + 19 = \underline{\quad} & 20 + 5 = \underline{\quad} \\
 13 + 15 = \underline{\quad} & 14 \times 9 = \underline{\quad} \\
 20 - 19 = \underline{\quad} & 18 + 6 = \underline{\quad} \\
 47 + 9 = \underline{\quad} & 27 - 15 = \underline{\quad} \\
 7 + 45 = \underline{\quad} & 3 \times 30 = \underline{\quad} \\
 24 \times 5 = \underline{\quad} & 39 \div 3 = \underline{\quad} \\
 8 \times 15 = \underline{\quad} & 12 + 29 = \underline{\quad} \\
 42 \div 6 = \underline{\quad} & 16 \times 2 = \underline{\quad} \\
 10 \times 30 = \underline{\quad} & 46 \div 2 = \underline{\quad} \\
 28 - 17 = \underline{\quad} & 250 - 50 = \underline{\quad}
 \end{array}$$

DARTS - FIND THE SCORES FOR EACH PERSON!

NAME	SCORES	TOTAL
HINE	5, 4, 20	
MARY	9, 9, 9	
JAMES	DOUBLE 6, 20, 20	
MIKE	TRIPLE 12, 18, 4	
ESTHER	DOUBLE 6, TRIPLE 4, 3	
LYNDA	DOUBLE 17, 15, 10	
CRAIG	8, 11, 14	
TALA	19, DOUBLE 3, 6	

WHO SCORED THE HIGHEST?

MAGIC

6	1	8
7	5	3
2	9	4

EACH ROW ADDS UP TO _____

EACH COLUMN ADDS UP TO _____

EACH DIAGONAL ADDS UP TO _____

WORDY WHIMS

SUBTRACT 9 FROM 12 _____

SHARE \$30 BETWEEN 6 _____

WRITE TWO THOUSAND _____

24 SUBTRACT 15 _____

TOTAL OF 9, 4, AND 8 _____

4 FIVES _____

8 MORE THAN 7 _____

DIFFERENCE BETWEEN 9 & 12 _____

HALF OF 60 _____

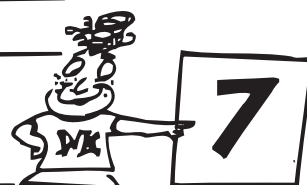
AT NOON IT'S _____ O'CLOCK

RELATIVE RELATIONS

IF  = 20, FIND THE
VALUES OF...



NUMBER OF MISTAKES _____



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 8 + 3 = \underline{\quad} \\ 8 - 3 = \underline{\quad} \\ 4 \times 7 = \underline{\quad} \\ 12 \div 4 = \underline{\quad} \\ 7 + 9 = \underline{\quad} \\ 11 - 5 = \underline{\quad} \\ 6 \times 6 = \underline{\quad} \\ 9 \div 1 = \underline{\quad} \\ 7 - 0 = \underline{\quad} \\ 4 - 4 = \underline{\quad} \end{array}$$

DANDY DECIMALS

$$\begin{array}{l} 0.5 + 0.2 = \underline{\quad} \\ 0.4 + 0.4 = \underline{\quad} \\ 0.5 - 0.2 = \underline{\quad} \\ 0.4 - 0.4 = \underline{\quad} \\ 1.3 + 0.6 = \underline{\quad} \\ 1.9 - 0.6 = \underline{\quad} \\ 4 \times 0.1 = \underline{\quad} \\ 5 \times 0.3 = \underline{\quad} \\ \frac{0.6}{3} = \underline{\quad} \quad \frac{1.2}{3} = \underline{\quad} \end{array}$$

RADICAL ROMANS

$$\begin{array}{l} \text{II} = \underline{\quad} \\ \text{IV} = \underline{\quad} \\ \text{VI} = \underline{\quad} \\ \text{IX} = \underline{\quad} \\ \text{XV} = \underline{\quad} \end{array}$$

$$\begin{array}{l} \underline{\quad} = 5 \\ \underline{\quad} = 10 \\ \underline{\quad} = 13 \\ \underline{\quad} = 21 \\ \underline{\quad} = 25 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{l} 321 + 200 = \underline{\quad} \\ 400 + 400 = \underline{\quad} \\ 300 - 165 = \underline{\quad} \\ 400 - 120 = \underline{\quad} \\ 60 \times 5 = \underline{\quad} \\ 38 \times 10 = \underline{\quad} \\ 70 \div 7 = \underline{\quad} \\ 1500 \div 10 = \underline{\quad} \\ 444 + 555 = \underline{\quad} \\ 651 - 156 = \underline{\quad} \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT _____
IT TOOK _____ MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR _____ HOURS. SUPPER
WAS AT _____ TODAY. I WAS
OUT OF BED FOR _____ HOURS.

- TUESDAY -

OUT OF BED 7.00 am.

LEFT HOME 8.30

GO TO SCHOOL 9.00

SCHOOL FINISHED 4.00

ARRIVED HOME 4.20

SUPPER TIME 8.45

INTO MY BED 11.00

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS



$$\begin{array}{l} 3 + 2 = \underline{\quad} \\ 10 - 5 = \underline{\quad} \\ 4 \times 1 = \underline{\quad} \\ 9 \div 3 = \underline{\quad} \\ 6 + 4 = \underline{\quad} \\ 8 - 7 = \underline{\quad} \\ 5 \times 5 = \underline{\quad} \\ 6 \div 2 = \underline{\quad} \\ 7 - 4 = \underline{\quad} \\ 9 - 3 = \underline{\quad} \end{array}$$

MONEY MIXTURES

$$\begin{array}{l} 10c + 20c = \underline{\quad} \\ 20c + 50c = \underline{\quad} \\ 55c - 15c = \underline{\quad} \\ 20c - 20c = \underline{\quad} \\ 4 \times 20c = \underline{\quad} \\ 5 \times 50c = \underline{\quad} \\ \$3 + \$7 = \underline{\quad} \\ \$7 - \$3 = \underline{\quad} \\ \$7 \times 8 = \underline{\quad} \\ \$20 \div 4 = \underline{\quad} \end{array}$$

VISCOUS VARIABLES

$$\begin{array}{l} k + k = \underline{\quad} \\ l - l = \underline{\quad} \\ 3m + m = \underline{\quad} \\ 5n + 2n = \underline{\quad} \\ 4p + 3p = \underline{\quad} \\ 3q - q = \underline{\quad} \\ 5r - 2r = \underline{\quad} \\ 2s + 2s = \underline{\quad} \\ t + t + t = \underline{\quad} \\ 3u - 3u = \underline{\quad} \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 200 + 145 = \underline{\quad} \\ 300 + 400 = \underline{\quad} \\ 200 - 110 = \underline{\quad} \\ 100 - 63 = \underline{\quad} \\ 60 \times 2 = \underline{\quad} \\ 70 \times 3 = \underline{\quad} \\ 40 \div 4 = \underline{\quad} \\ 50 \div 10 = \underline{\quad} \\ 222 + 222 = \underline{\quad} \\ 435 - 135 = \underline{\quad} \end{array}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN MAY? _____
- WHAT DAY IS APRIL 23rd? _____
- WHAT DATE IS THE FIRST WEDNESDAY OF MAY? _____
- WHAT DATE IS THE THIRD SUNDAY OF APRIL? _____
- HOW MANY TUESDAYS IN APRIL? _____

APRIL						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY						
M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 5 + 3 &= \underline{\hspace{2cm}} \\ 10 - 4 &= \underline{\hspace{2cm}} \\ 6 \times 8 &= \underline{\hspace{2cm}} \\ 4 \div 4 &= \underline{\hspace{2cm}} \\ 7 + 2 &= \underline{\hspace{2cm}} \\ 8 - 3 &= \underline{\hspace{2cm}} \\ 5 \times 5 &= \underline{\hspace{2cm}} \\ 6 \div 3 &= \underline{\hspace{2cm}} \\ 9 - 7 &= \underline{\hspace{2cm}} \\ 5 - 1 &= \underline{\hspace{2cm}} \end{aligned}$$

TRENDY TABLES

$$\begin{aligned} 4 \times 1 &= \underline{\hspace{2cm}} \\ 4 \times 2 &= \underline{\hspace{2cm}} \\ 4 \times 3 &= \underline{\hspace{2cm}} \\ 4 \times \underline{\hspace{1cm}} &= 16 \\ 4 \times \underline{\hspace{1cm}} &= 20 \\ 4 \times \underline{\hspace{1cm}} &= 32 \\ 4 \times 9 &= \underline{\hspace{2cm}} \\ 4 \times 10 &= \underline{\hspace{2cm}} \\ 4 \times \underline{\hspace{1cm}} &= 48 \\ 4 \times \underline{\hspace{1cm}} &= 60 \end{aligned}$$



SOFT SUBSTITUTES

$$\begin{aligned} k &= 7, k + 3 = \underline{\hspace{2cm}} \\ l &= 8, l + 11 = \underline{\hspace{2cm}} \\ m &= 4, m - 2 = \underline{\hspace{2cm}} \\ n &= 9, n - 5 = \underline{\hspace{2cm}} \\ p &= 2, 8 + p = \underline{\hspace{2cm}} \\ r &= 3, 7 - r = \underline{\hspace{2cm}} \\ s &= 5, 8s = \underline{\hspace{2cm}} \\ t &= 6, 3t = \underline{\hspace{2cm}} \\ u &= 1, 5u = \underline{\hspace{2cm}} \\ v &= 10, 6v = \underline{\hspace{2cm}} \end{aligned}$$

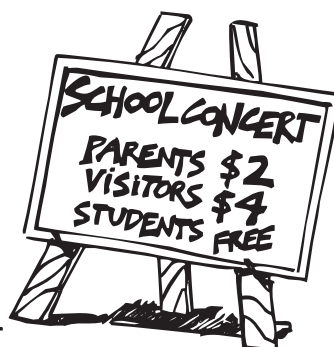
EXTRA EXAMPLES

$$\begin{aligned} 32 \text{ ADDED TO } 9 \text{ IS } &\underline{\hspace{2cm}} \\ 13 \text{ TIMES } 5 \text{ IS } &\underline{\hspace{2cm}} \\ \$5.40 + \$2.55 &= \underline{\hspace{2cm}} \\ \$8.65 + \$9.70 &= \underline{\hspace{2cm}} \\ 829 &= \underline{\hspace{1cm}} + 20 + 9 \\ 700 + 40 + 3 &= \underline{\hspace{2cm}} \\ 230 + 142 &= \underline{\hspace{2cm}} \\ 175 + 251 &= \underline{\hspace{2cm}} \\ 250 - 140 &= \underline{\hspace{2cm}} \\ 177 - 33 &= \underline{\hspace{2cm}} \end{aligned}$$

THE QUINTUS QUIZ

-FIND THE COST FOR...

- 2 PARENTS ONLY _____
- 3 PARENTS & 1 STUDENT _____
- 1 PARENT & 1 VISITOR _____
- 1 PARENT & 3 STUDENTS _____
- 2 PARENTS & 2 VISITORS _____



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 9 + 5 &= \underline{\hspace{2cm}} \\ 9 - 5 &= \underline{\hspace{2cm}} \\ 8 \times 9 &= \underline{\hspace{2cm}} \\ 10 \div 2 &= \underline{\hspace{2cm}} \\ 7 + 6 &= \underline{\hspace{2cm}} \\ 8 - 8 &= \underline{\hspace{2cm}} \\ 7 \times 6 &= \underline{\hspace{2cm}} \\ 3 \div 3 &= \underline{\hspace{2cm}} \\ 10 - 7 &= \underline{\hspace{2cm}} \\ 10 - 0 &= \underline{\hspace{2cm}} \end{aligned}$$

FANTASTIC FRACTIONS

$$\begin{aligned} \frac{1}{2} \text{ OF } 4 &= \underline{\hspace{2cm}} \\ \frac{1}{2} \text{ OF } 8 &= \underline{\hspace{2cm}} \\ \frac{1}{2} \text{ OF } 16 &= \underline{\hspace{2cm}} \\ \frac{1}{2} \text{ OF } 30 &= \underline{\hspace{2cm}} \\ \frac{1}{3} \times \frac{1}{3} &= \underline{\hspace{2cm}} \\ \frac{2}{5} \times \frac{3}{7} &= \underline{\hspace{2cm}} \\ \frac{1}{3} + \frac{1}{3} &= \underline{\hspace{2cm}} \\ \frac{2}{5} + \frac{2}{5} &= \underline{\hspace{2cm}} \\ \frac{1}{3} - \frac{1}{3} &= \underline{\hspace{2cm}} \\ \frac{1}{4} - \frac{1}{4} &= \underline{\hspace{2cm}} \end{aligned}$$



MIGHTY METRICS

$$\begin{aligned} 40\text{m} + 80\text{m} &= \underline{\hspace{2cm}} \\ 37\text{cm} + 17\text{cm} &= \underline{\hspace{2cm}} \\ 52\text{m} - 32\text{m} &= \underline{\hspace{2cm}} \\ 61\text{mm} - 45\text{mm} &= \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} \text{cl} &= 1\text{l} \\ \underline{\hspace{2cm}} \text{cl} &= 3\text{l} \\ 1000\text{mg} &= \underline{\hspace{2cm}} \text{g} \\ 2000\text{mg} &= \underline{\hspace{2cm}} \text{g} \\ \underline{\hspace{2cm}} \text{m} &= 5.678 \text{ km} \\ 8567 \text{ m} &= \underline{\hspace{2cm}} \text{km} \end{aligned}$$

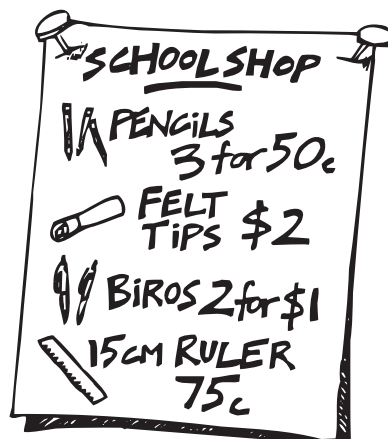
EXTRA EXAMPLES

$$\begin{aligned} \underline{\hspace{2cm}} \text{ DAYS IN } 1 \text{ FORTNIGHT} \\ 300 \text{ sec} &= \underline{\hspace{2cm}} \text{ MINUTES} \\ 0.9 + 0.9 &= \underline{\hspace{2cm}} \\ 1.3 - 0.7 &= \underline{\hspace{2cm}} \\ 0.3 \times 9 &= \underline{\hspace{2cm}} \\ 0.9 \div 3 &= \underline{\hspace{2cm}} \\ 16, 8, \underline{\hspace{2cm}}, 2, 1 \\ 407 + 704 &= \underline{\hspace{2cm}} \\ 862 - 145 &= \underline{\hspace{2cm}} \\ 3^2 &= \underline{\hspace{2cm}} \end{aligned}$$

THE QUINTUS QUIZ

- FIND THE COST OF...

$$\begin{aligned} 9 \text{ PENCILS} &\underline{\hspace{2cm}} \\ 4 \text{ FELT TIPS} &\underline{\hspace{2cm}} \\ 6 \text{ BIROS} &\underline{\hspace{2cm}} \\ 9 \text{ PENCILS \& 1 RULER} &\underline{\hspace{2cm}} \\ 4 \text{ FELT TIPS, 6 BIROS,} &\underline{\hspace{2cm}} \\ \text{\& 1 RULER} &\underline{\hspace{2cm}} \end{aligned}$$



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll}
 16 - 5 = \underline{\quad} & 28 \times 3 = \underline{\quad} \\
 13 + 15 = \underline{\quad} & 22 \times 5 = \underline{\quad} \\
 27 - 19 = \underline{\quad} & 19 - 18 = \underline{\quad} \\
 58 + 7 = \underline{\quad} & 66 \div 6 = \underline{\quad} \\
 3 \times 35 = \underline{\quad} & 40 \times 5 = \underline{\quad} \\
 4 \times 23 = \underline{\quad} & 120 - 90 = \underline{\quad} \\
 84 - 6 = \underline{\quad} & 56 + 82 = \underline{\quad} \\
 84 \div 3 = \underline{\quad} & 22 + 88 = \underline{\quad} \\
 36 \div 12 = \underline{\quad} & 90 \div 5 = \underline{\quad} \\
 3 \times 90 = \underline{\quad} & 27 \div 9 = \underline{\quad}
 \end{array}$$

TELLING TABLES

$$\begin{array}{l}
 3 \times 2 = \underline{\quad} \\
 3 \times 4 = \underline{\quad} \\
 3 \times 7 = \underline{\quad} \\
 3 \times 13 = \underline{\quad} \\
 3 \times 10 = \underline{\quad} \\
 3 \times 6 = \underline{\quad} \\
 3 \times 9 = \underline{\quad} \\
 3 \times 12 = \underline{\quad} \\
 3 \times 3 = \underline{\quad} \\
 3 \times 8 = \underline{\quad}
 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{ll}
 4 + 8 = 15 - \underline{\quad} & 3 \times \underline{\quad} = 42 \div 7 \\
 12 \times 2 = 18 + \underline{\quad} & 4 + \underline{\quad} = 3 \times 9 \\
 66 \div 6 = 20 - \underline{\quad} & 36 - \underline{\quad} = 3 \times 10 \\
 100 \div 5 = 4 \times \underline{\quad} & 15 \div \underline{\quad} = 3 \times 1 \\
 36 + 2 = 19 \times \underline{\quad} & 6 \times \underline{\quad} = 48 \\
 3 \times 5 = 30 \div \underline{\quad} & 2 \times \underline{\quad} = 100 \\
 5 \times 15 = \underline{\quad} & 42 + 47 = \underline{\quad} \\
 23 - 5 = \underline{\quad} & 31 - 17 = \underline{\quad}
 \end{array}$$

MORE MAGIC

2		4
		8

TOTAL = 15

	2	12
	10	

TOTAL = 30

15	8	
	12	

TOTAL = 36

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET



NIFTY NUMBERS

$$\begin{array}{ll} 4+13 = \underline{\quad} & 5 \times 6 = \underline{\quad} \\ 20+90 = \underline{\quad} & 90 \times 3 = \underline{\quad} \\ 35-7 = \underline{\quad} & 15 \div 1 = \underline{\quad} \\ 87-22 = \underline{\quad} & 900 \div 30 = \underline{\quad} \\ 105-10 = \underline{\quad} & 8 \times 6 = \underline{\quad} \\ 3 \times 26 = \underline{\quad} & 15 \times 9 = \underline{\quad} \\ 4 \div 1 = \underline{\quad} & 27 \times 3 = \underline{\quad} \\ 258 \div 3 = \underline{\quad} & 45 + 57 = \underline{\quad} \\ 85 + 10 = \underline{\quad} & 27 + 27 = \underline{\quad} \\ 400 \div 20 = \underline{\quad} & 104 \div 2 = \underline{\quad} \end{array}$$

EASY EXPRESSIONS

$$\begin{array}{ll} 5c + 4c = \underline{\quad} \\ 2a + 6a = \underline{\quad} \\ 9k + 4k + 2k = \underline{\quad} \\ 4m + 2m = \underline{\quad} \\ 9p - 5p = \underline{\quad} \\ 4x + 2x - 6x = \underline{\quad} \\ 3a + 4a = \underline{\quad} \\ 6c - 2c = \underline{\quad} \\ 9l - 3l = \underline{\quad} \\ 20f + 5f = \underline{\quad} \end{array}$$

MORE MAGIC

- FILL IN THE SQUARES SO ALL ROWS COLUMNS & DIAGONALS ADD UP TO THE TOTAL!

4		6
		10

TOTAL=21

5		
	8	
9		

TOTAL=24

	10	
16		8

TOTAL=30

DAY AT THE FAIR



LOLLY
POP 50c



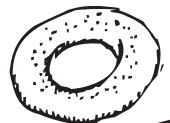
DRINK
70c



CAKE
45c



HOT DOG
\$1.50



DOUGHNUT
\$1

PERSON	HAD	BOUGHT	SPENT	HAD LEFT
RODNEY	\$5	2 HOT DOGS		
EPI	\$2	1 DRINK & 1 DOUGHNUT		
DIANNE	\$3.50	2 LOLLYPOPS & 1 CAKE		
MAXWELL	\$10	1 DRINK & 1 CAKE		
CLAUDIA	\$20	3 OF EVERYTHING!!		

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 16 + 18 &= \underline{\hspace{2cm}} \\ 19 - 11 &= \underline{\hspace{2cm}} \\ 12 \times 12 &= \underline{\hspace{2cm}} \\ 18 \div 6 &= \underline{\hspace{2cm}} \\ 17 + 17 &= \underline{\hspace{2cm}} \\ 15 - 9 &= \underline{\hspace{2cm}} \\ 11 \times 10 &= \underline{\hspace{2cm}} \\ 20 \div 4 &= \underline{\hspace{2cm}} \\ 18 + 15 &= \underline{\hspace{2cm}} \\ 19 + 19 &= \underline{\hspace{2cm}} \end{aligned}$$

DANDY DECIMALS

$$\begin{aligned} 1.4 + 1.3 &= \underline{\hspace{2cm}} \\ 1.6 + 1.2 &= \underline{\hspace{2cm}} \\ 2.4 - 1.3 &= \underline{\hspace{2cm}} \\ 2.6 - 2.6 &= \underline{\hspace{2cm}} \\ 1 - 0.5 &= \underline{\hspace{2cm}} \\ 3 - 0.9 &= \underline{\hspace{2cm}} \\ 7 \times 0.4 &= \underline{\hspace{2cm}} \\ 6 \times 0.8 &= \underline{\hspace{2cm}} \\ 25\% \text{ AS A DECIMAL IS } &\underline{\hspace{2cm}} \\ 40\% \text{ AS A DECIMAL IS } &\underline{\hspace{2cm}} \end{aligned}$$

RADICAL ROMANS

$$\begin{aligned} \text{VII} &= \underline{\hspace{2cm}} \\ \text{XII} &= \underline{\hspace{2cm}} \\ \text{XIV} &= \underline{\hspace{2cm}} \\ \text{XVIII} &= \underline{\hspace{2cm}} \\ \text{XXII} &= \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} &= 7 \\ \underline{\hspace{2cm}} &= 11 \\ \underline{\hspace{2cm}} &= 16 \\ \underline{\hspace{2cm}} &= 19 \\ \underline{\hspace{2cm}} &= 24 \end{aligned}$$



EXTRA EXAMPLES

$$\begin{aligned} 624 + 300 &= \underline{\hspace{2cm}} \\ 500 + 500 &= \underline{\hspace{2cm}} \\ 400 - 150 &= \underline{\hspace{2cm}} \\ 500 - 194 &= \underline{\hspace{2cm}} \\ 80 \times 5 &= \underline{\hspace{2cm}} \\ 76 \times 10 &= \underline{\hspace{2cm}} \\ 90 \div 9 &= \underline{\hspace{2cm}} \\ 1800 \div 10 &= \underline{\hspace{2cm}} \\ 222 + 555 &= \underline{\hspace{2cm}} \\ 734 - 437 &= \underline{\hspace{2cm}} \end{aligned}$$

THE QUINTUS QUIZ

I LEFT HOME AT _____
IT TOOK _____ MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR _____ HOURS. SUPPER
WAS AT _____ TODAY. I WAS
OUT OF BED FOR _____ HOURS.

-WEDNESDAY-
OUT OF BED 6.30 a.m.
LEFT HOME 8.10
GOT TO SCHOOL 9.00
SCHOOL FINISHED 3.30
ARRIVED HOME 4.00
SUPPERTIME 9.30
INTO MY BED 10.00

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET



NIFTY NUMBERS

$$\begin{aligned} 11 + 14 &= \underline{\quad} \\ 14 - 11 &= \underline{\quad} \\ 12 \times 5 &= \underline{\quad} \\ 16 \div 4 &= \underline{\quad} \\ 13 + 16 &= \underline{\quad} \\ 18 - 12 &= \underline{\quad} \\ 11 \times 10 &= \underline{\quad} \\ 15 \div 5 &= \underline{\quad} \\ 19 + 18 &= \underline{\quad} \\ 17 + 15 &= \underline{\quad} \end{aligned}$$

MONEY MIXTURES

$$\begin{aligned} 15c + 15c &= \underline{\quad} \\ 10c - 6c &= \underline{\quad} \\ 3 \times 10c &= \underline{\quad} \\ 7 \times 20c &= \underline{\quad} \\ 50c + 20c &= \underline{\quad} \\ 50c - 20c &= \underline{\quad} \\ \$4 + \$6 &= \underline{\quad} \\ \$9 - \$5 &= \underline{\quad} \\ \$20 \times 3 &= \underline{\quad} \\ \$80 \div 4 &= \underline{\quad} \end{aligned}$$

VISCOUS VARIABLES

$$\begin{aligned} a + a &= \underline{\quad} \\ 2b + b &= \underline{\quad} \\ c + 2c &= \underline{\quad} \\ 3d + 3d &= \underline{\quad} \\ 3e + 2e &= \underline{\quad} \\ f - f &= \underline{\quad} \\ 3g - g &= \underline{\quad} \\ 5h - 2h &= \underline{\quad} \\ 5i - 4i &= \underline{\quad} \\ 2j + 2j + 2j &= \underline{\quad} \end{aligned}$$

EXTRA EXAMPLES

$$\begin{aligned} 123 + 100 &= \underline{\quad} \\ 300 + 200 &= \underline{\quad} \\ 100 - 75 &= \underline{\quad} \\ 200 - 50 &= \underline{\quad} \\ 40 \times 6 &= \underline{\quad} \\ 70 \times 8 &= \underline{\quad} \\ 40 \div 5 &= \underline{\quad} \\ 80 \div 4 &= \underline{\quad} \\ 333 + 333 &= \underline{\quad} \\ 625 - 125 &= \underline{\quad} \end{aligned}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN JULY _____
- WHAT DAY IS JUNE 3rd _____
- WHAT DATE IS THE FOURTH TUESDAY OF JULY _____
- WHAT DATE IS THE SECOND FRIDAY OF JUNE _____
- HOW MANY MONDAYS IN JULY _____

JUNE						
M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$13 + 12 = \underline{\quad}$

$13 - 12 = \underline{\quad}$

$11 \times 5 = \underline{\quad}$

$12 \div 4 = \underline{\quad}$

$14 + 10 = \underline{\quad}$

$14 - 10 = \underline{\quad}$

$12 \times 7 = \underline{\quad}$

$16 \div 8 = \underline{\quad}$

$15 + 19 = \underline{\quad}$

$17 + 11 = \underline{\quad}$

TRENDY TABLES

$6 \times 2 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$6 \times \underline{\quad} = 36$

$6 \times \underline{\quad} = 42$

$6 \times \underline{\quad} = 48$

$6 \times 10 = \underline{\quad}$

$6 \times 11 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

$6 \times \underline{\quad} = 78$



SOFT SUBSTITUTES

$a = 10, a + 4 = \underline{\quad}$

$b = 12, b + 11 = \underline{\quad}$

$c = 11, c - 2 = \underline{\quad}$

$d = 13, d - 4 = \underline{\quad}$

$e = 15, 11 + e = \underline{\quad}$

$f = 14, 19 - f = \underline{\quad}$

$g = 8, 12g = \underline{\quad}$

$h = 16, 2h = \underline{\quad}$

$i = 11, 3i = \underline{\quad}$

$j = 20, 5j = \underline{\quad}$

EXTRA EXAMPLES

$12 \text{ ADDED TO } 21 \text{ IS } \underline{\quad}$

$9 \text{ TIMES } 30 \text{ IS } \underline{\quad}$

$\$10.35 + \$12.45 = \underline{\quad}$

$\$11.60 + \$17.90 = \underline{\quad}$

$975 = \underline{\quad} + 70 + \underline{\quad}$

$800 + 60 + 6 = \underline{\quad}$

$333 + 444 = \underline{\quad}$

$555 + 222 = \underline{\quad}$

$450 - 170 = \underline{\quad}$

$369 - 265 = \underline{\quad}$

THE QUINTUS QUIZ

-FIND THE COST FOR...

1 PARENT AND 1 CHILD

1 PARENT AND 4 CHILDREN

2 PARENTS AND 1 CHILD

2 PARENTS AND 4 CHILDREN

3 PARENTS AND 3 CHILDREN



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$17 + 14 = \underline{\hspace{2cm}}$

$18 - 11 = \underline{\hspace{2cm}}$

$15 \times 6 = \underline{\hspace{2cm}}$

$16 \div 4 = \underline{\hspace{2cm}}$

$18 + 13 = \underline{\hspace{2cm}}$

$13 - 12 = \underline{\hspace{2cm}}$

$12 \times 11 = \underline{\hspace{2cm}}$

$15 \div 5 = \underline{\hspace{2cm}}$

$19 + 16 = \underline{\hspace{2cm}}$

$13 + 17 = \underline{\hspace{2cm}}$



MIGHTY METRICS

$70 \text{ sec} + 50 \text{ sec} = \underline{\hspace{2cm}}$

$38 \text{ sec} + 26 \text{ sec} = \underline{\hspace{2cm}}$

$69 \text{ m} - 49 \text{ m} = \underline{\hspace{2cm}}$

$43 \text{ km} - 27 \text{ km} = \underline{\hspace{2cm}}$

$1000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

$5000 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

$\underline{\hspace{2cm}} \text{ mg} = 2 \text{ g}$

$\underline{\hspace{2cm}} \text{ mg} = 2.5 \text{ g}$

$\underline{\hspace{2cm}} \text{ cm} = 3 \text{ m}$

$\underline{\hspace{2cm}} \text{ cm} = 3.5 \text{ m}$

FANTASTIC FRACTIONS

$\frac{1}{2} \text{ OF } 6 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 10 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 12 = \underline{\hspace{2cm}}$

$\frac{1}{2} \text{ OF } 18 = \underline{\hspace{2cm}}$

$\frac{1}{4} \times \frac{1}{4} = \underline{\hspace{2cm}}$

$\frac{2}{7} \times \frac{5}{9} = \underline{\hspace{2cm}}$

$\frac{1}{4} + \frac{1}{4} = \underline{\hspace{2cm}}$

$\frac{3}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$

$\frac{1}{4} - \frac{1}{4} = \underline{\hspace{2cm}}$

$\frac{4}{5} - \frac{3}{5} = \underline{\hspace{2cm}}$

EXTRA EXAMPLES

$30 \text{ DAYS} = \underline{\hspace{2cm}} \text{ MONTH}$

$\underline{\hspace{2cm}} \text{ MINUTES IN } 1 \text{ HOUR}$

$1.4 + 1.3 = \underline{\hspace{2cm}}$

$2.7 - 1.5 = \underline{\hspace{2cm}}$

$0.4 \times 6 = \underline{\hspace{2cm}}$

$1.2 \div 4 = \underline{\hspace{2cm}}$

$6, 12, \underline{\hspace{2cm}}, 48, \underline{\hspace{2cm}}$

$975 + 579 = \underline{\hspace{2cm}}$

$420 - 24 = \underline{\hspace{2cm}}$

$5^2 = \underline{\hspace{2cm}}$

THE QUINTUS QUIZ

- FIND THE COST OF...

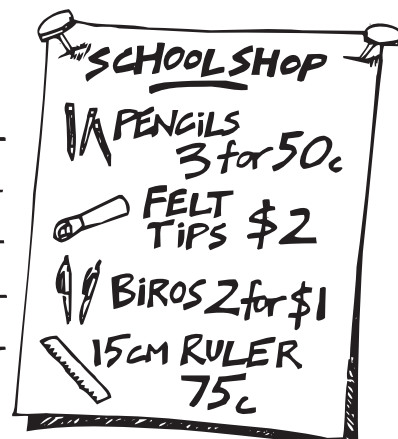
10 FELT TIPS

12 PENCILS

10 RULERS

20 BIROS

12 PENCILS & 12 RULERS



NUMBER OF MISTAKES

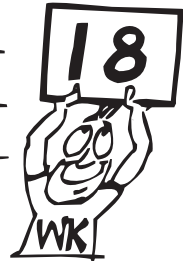
WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 15 + 15 = \underline{\quad} & 22 - 18 = \underline{\quad} \\ 14 + 14 = \underline{\quad} & 15 + 19 = \underline{\quad} \\ 20 - 3 = \underline{\quad} & 20 \div 10 = \underline{\quad} \\ 3 \times 36 = \underline{\quad} & 15 \times 5 = \underline{\quad} \\ 65 + 9 = \underline{\quad} & 66 + 66 = \underline{\quad} \\ 57 - 9 = \underline{\quad} & 66 \times 2 = \underline{\quad} \\ 107 - 11 = \underline{\quad} & 105 - 22 = \underline{\quad} \\ 3 \times 80 = \underline{\quad} & 100 \div 25 = \underline{\quad} \\ 200 \div 4 = \underline{\quad} & 50 \times 6 = \underline{\quad} \\ 27 \div 9 = \underline{\quad} & 24 \times 3 = \underline{\quad} \end{array}$$

TELLING TABLES

$$\begin{array}{l} 5 \times 6 = \underline{\quad} \\ 5 \times 3 = \underline{\quad} \\ 5 \times 7 = \underline{\quad} \\ 5 \times 10 = \underline{\quad} \\ 5 \times 12 = \underline{\quad} \\ 5 \times 8 = \underline{\quad} \\ 5 \times 4 = \underline{\quad} \\ 5 \times 11 = \underline{\quad} \\ 5 \times 9 = \underline{\quad} \\ 5 \times 5 = \underline{\quad} \end{array}$$



POSSIBLE PATTERNS

$$\begin{array}{l} 999 \times 2 = \underline{\quad} \\ 999 \times 3 = \underline{\quad} \\ 999 \times 4 = \underline{\quad} \\ 999 \times 5 = \underline{\quad} \\ 999 \times 6 = \underline{\quad} \\ 999 \times 7 = \underline{\quad} \\ 999 \times 8 = \underline{\quad} \\ 999 \times 9 = \underline{\quad} \end{array}$$

$$\begin{array}{l} 55 \times 5 = \underline{\quad} \\ 555 \times 5 = \underline{\quad} \\ 5555 \times 5 = \underline{\quad} \\ 55555 \times 5 = \underline{\quad} \\ 1 \times 1 = \underline{\quad} \\ 11 \times 11 = \underline{\quad} \\ 111 \times 111 = \underline{\quad} \\ 1111 \times 1111 = \underline{\quad} \end{array}$$

SNACK TIME!

MAGIC MENU

HAMBURGER
\$2.50

• CHEESEBURGER •
\$2

• CHIPS •
MIN \$1.50

• SALAD •
\$1.90

• COKE •

SMALL MED LARGE
\$1.50 \$1.90 \$2.50

WHAT IS THE COST OF :

- 1 HAMBURGER, \$1.50 CHIPS, SMALL COKE _____
- \$2 CHIPS, SALAD, LARGE COKE _____
- 2 CHEESEBURGERS MEDIUM COKE, \$1.50 CHIPS _____
- 4 SALADS, \$5 CHIPS, 3 SMALL COKES _____

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 38 - 12 = \underline{\quad} & 58 - 27 = \underline{\quad} \\ 15 + 19 = \underline{\quad} & 63 + 42 = \underline{\quad} \\ 27 - 15 = \underline{\quad} & 18 - 15 = \underline{\quad} \\ 4 \times 33 = \underline{\quad} & 35 \div 7 = \underline{\quad} \\ 74 + 8 = \underline{\quad} & 45 \div 9 = \underline{\quad} \\ 8 \times 40 = \underline{\quad} & 18 \times 3 = \underline{\quad} \\ 8 \times 30 = \underline{\quad} & 4 \times 15 = \underline{\quad} \\ 360 \div 6 = \underline{\quad} & 72 + 70 = \underline{\quad} \\ 480 \div 4 = \underline{\quad} & 49 \div 7 = \underline{\quad} \\ 97 + 13 = \underline{\quad} & 108 - 15 = \underline{\quad} \end{array}$$

TRENDY TABLES

$$\begin{array}{l} 7 \times 8 = \underline{\quad} \\ 7 \times 5 = \underline{\quad} \\ 7 \times 9 = \underline{\quad} \\ 7 \times 12 = \underline{\quad} \\ 7 \times 11 = \underline{\quad} \\ 7 \times 3 = \underline{\quad} \\ 7 \times 6 = \underline{\quad} \\ 7 \times 10 = \underline{\quad} \\ 7 \times 8 = \underline{\quad} \\ 7 \times 4 = \underline{\quad} \end{array}$$

POSSIBLE PATTERNS

$$\begin{array}{ll} 1 \times 9 + 2 = \underline{\quad} & 37 \times 3 = \underline{\quad} \\ 12 \times 9 + 3 = \underline{\quad} & 37 \times 6 = \underline{\quad} \\ 123 \times 9 + 4 = \underline{\quad} & 37 \times 9 = \underline{\quad} \\ 1234 \times 9 + 5 = \underline{\quad} & 37 \times 12 = \underline{\quad} \\ 12345 \times 9 + 6 = \underline{\quad} & 37 \times 15 = \underline{\quad} \end{array}$$

MAIL MIXTURES



WHAT COMBINATION OF 40c
AND 50c STAMPS DO YOU NEED TO
POST LETTERS WITH THESE AMOUNTS?

\$1.40 _____

\$1.30 _____

\$1.70 _____

\$3.30 _____

\$5.20 _____

NUMBER OF MISTAKES _____



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$23 + 22 = \underline{\quad}$

$24 - 18 = \underline{\quad}$

$21 \times 6 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$24 + 21 = \underline{\quad}$

$26 - 23 = \underline{\quad}$

$20 \times 9 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$26 - 15 = \underline{\quad}$

$36 - 27 = \underline{\quad}$

DANDY DECIMALS

$1.5 + 1.4 = \underline{\quad}$

$1.7 + 1.1 = \underline{\quad}$

$2.8 - 1.5 = \underline{\quad}$

$3.9 - 3.1 = \underline{\quad}$

$2 - 0.6 = \underline{\quad}$

$4 - 0.7 = \underline{\quad}$

$10 \times 2.5 = \underline{\quad}$

$10 \times 0.03 = \underline{\quad}$

$20\% \text{ AS A DECIMAL IS } \underline{\quad}$

$37\% \text{ AS A DECIMAL IS } \underline{\quad}$

RADICAL ROMANS

$X = \underline{\quad}$

$XX = \underline{\quad}$

$L = \underline{\quad}$

$LXX = \underline{\quad}$

$C = \underline{\quad}$

$\underline{\quad} = 30$

$\underline{\quad} = 60$

$\underline{\quad} = 80$

$\underline{\quad} = 101$

$\underline{\quad} = 110$



EXTRA EXAMPLES

$589 + 300 = \underline{\quad}$

$600 + 600 = \underline{\quad}$

$500 - 170 = \underline{\quad}$

$600 - 128 = \underline{\quad}$

$90 \times 5 = \underline{\quad}$

$52 \times 10 = \underline{\quad}$

$100 \div 10 = \underline{\quad}$

$2341 \div 100 = \underline{\quad}$

$666 + 777 = \underline{\quad}$

$985 - 589 = \underline{\quad}$

THE QUINTUS QUIZ

I LEFT HOME AT $\underline{\quad}$

IT TOOK $\underline{\quad}$ MINUTES TO

GET TO SCHOOL. SCHOOL WENT

FOR $\underline{\quad}$ HOURS. SUPPER

WAS AT $\underline{\quad}$ TODAY. I WAS

OUT OF BED FOR $\underline{\quad}$ HOURS.

-THURSDAY-

OUT OF BED 7.30 a.m.

LEFT HOME 8.15

GOT TO SCHOOL 8.45

SCHOOL FINISHED 3.25

ARRIVED HOME 5.00

SUPPERTIME 9.40

INTO MY BED 10.30

NUMBER OF MISTAKES $\underline{\quad}$

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$25 + 16 = \underline{\quad}$

$25 - 16 = \underline{\quad}$

$20 \times 7 = \underline{\quad}$

$36 \div 9 = \underline{\quad}$

$27 + 28 = \underline{\quad}$

$30 - 14 = \underline{\quad}$

$24 \times 5 = \underline{\quad}$

$27 \div 3 = \underline{\quad}$

$28 + 12 = \underline{\quad}$

$33 - 26 = \underline{\quad}$

MONEY MIXTURES

$20c + 10c = \underline{\quad}$

$40c + 20c = \underline{\quad}$

$25c - 15c = \underline{\quad}$

$50c - 50c = \underline{\quad}$

$6 \times 50c = \underline{\quad}$

$8 \times 40c = \underline{\quad}$

$\$7 + \$9 = \underline{\quad}$

$\$9 - \$7 = \underline{\quad}$

$\$50 \times 3 = \underline{\quad}$

$\$30 \div 6 = \underline{\quad}$

VISCOUS VARIABLES

$k + k = \underline{\quad}$

$2l - l = \underline{\quad}$

$m + 3m = \underline{\quad}$

$2n + 4n = \underline{\quad}$

$5p + 3p = \underline{\quad}$

$q - q = \underline{\quad}$

$3r + 2r = \underline{\quad}$

$3s - 2s = \underline{\quad}$

$5t + 4t = \underline{\quad}$

$5t - 4t = \underline{\quad}$

EXTRA EXAMPLES

$145 + 200 = \underline{\quad}$

$400 + 300 = \underline{\quad}$

$200 - 130 = \underline{\quad}$

$100 - 48 = \underline{\quad}$

$90 \times 5 = \underline{\quad}$

$80 \times 6 = \underline{\quad}$

$20 \div 10 = \underline{\quad}$

$60 \div 12 = \underline{\quad}$

$444 + 444 = \underline{\quad}$

$841 - 241 = \underline{\quad}$

THE QUINTUS QUIZ

- HOW MANY DAYS IN AUGUST?
- WHAT DAY IS SEPTEMBER 15th?
- WHAT DATE IS THE THIRD SUNDAY OF AUGUST?
- WHAT DATE IS THE FIRST MONDAY OF SEPTEMBER?
- HOW MANY WEDNESDAYS IN AUGUST?

AUGUST						
M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER						
M	T	W	T	F	S	S
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET



22

NIFTY NUMBERS

$$21 + 13 = \underline{\quad}$$

$$21 - 13 = \underline{\quad}$$

$$20 \times 5 = \underline{\quad}$$

$$28 \div 4 = \underline{\quad}$$

$$29 + 27 = \underline{\quad}$$

$$22 - 15 = \underline{\quad}$$

$$24 \times 3 = \underline{\quad}$$

$$24 \div 3 = \underline{\quad}$$

$$23 - 21 = \underline{\quad}$$

$$34 - 25 = \underline{\quad}$$

TRENDY TABLES

$$8 \times 2 = \underline{\quad}$$

$$8 \times 3 = \underline{\quad}$$

$$8 \times 4 = \underline{\quad}$$

$$8 \times 5 = \underline{\quad}$$

$$8 \times \underline{\quad} = 56$$

$$8 \times \underline{\quad} = 64$$

$$8 \times \underline{\quad} = 72$$

$$8 \times 10 = \underline{\quad}$$

$$8 \times 12 = \underline{\quad}$$

$$8 \times \underline{\quad} = 160$$

SOFT SUBSTITUTES

$$k = 13, k + 5 = \underline{\quad}$$

$$l = 18, l + 12 = \underline{\quad}$$

$$m = 19, m - 10 = \underline{\quad}$$

$$n = 17, n - 3 = \underline{\quad}$$

$$p = 11, 4 + p = \underline{\quad}$$

$$r = 16, 20 - r = \underline{\quad}$$

$$s = 12, 10s = \underline{\quad}$$

$$t = 15, 4t = \underline{\quad}$$

$$u = 10, 9u = \underline{\quad}$$

$$v = 20, 11v = \underline{\quad}$$

EXTRA EXAMPLES

$$35 \text{ ADDED TO } 47 \text{ IS } \underline{\quad}$$

$$25 \text{ TIMES } 20 \text{ IS } \underline{\quad}$$

$$\$15.26 + \$11.35 = \underline{\quad}$$

$$\$18.75 + \$16.50 = \underline{\quad}$$

$$919 = 900 + \underline{\quad} + \underline{\quad}$$

$$700 + 30 + 8 = \underline{\quad}$$

$$666 + 440 = \underline{\quad}$$

$$1111 + 2222 = \underline{\quad}$$

$$540 - 380 = \underline{\quad}$$

$$963 - 526 = \underline{\quad}$$

THE QUINTUS QUIZ

-FIND THE COST FOR...

3 ADULTS ONLY

2 ADULTS & 1 CHILD

2 ADULTS & 3 CHILDREN

1 ADULT & 2 CHILDREN

4 ADULTS & 5 CHILDREN

-HEALTH EXPO-
ADULTS \$3
CHILDREN \$2

NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$26 + 28 = \underline{\hspace{2cm}}$

$25 - 17 = \underline{\hspace{2cm}}$

$24 \times 10 = \underline{\hspace{2cm}}$

$27 \div 9 = \underline{\hspace{2cm}}$

$23 + 24 = \underline{\hspace{2cm}}$

$29 - 22 = \underline{\hspace{2cm}}$

$21 \times 12 = \underline{\hspace{2cm}}$

$22 \div 11 = \underline{\hspace{2cm}}$

$28 - 13 = \underline{\hspace{2cm}}$

$38 - 29 = \underline{\hspace{2cm}}$



FANTASTIC FRACTIONS

$\frac{1}{3} \text{ OF } 3 = \underline{\hspace{2cm}}$

$\frac{1}{3} \text{ OF } 9 = \underline{\hspace{2cm}}$

$\frac{1}{3} \text{ OF } 21 = \underline{\hspace{2cm}}$

$\frac{1}{4} \text{ OF } 4 = \underline{\hspace{2cm}}$

$\frac{1}{4} \text{ OF } 12 = \underline{\hspace{2cm}}$

$\frac{1}{5} \times \frac{1}{5} = \underline{\hspace{2cm}}$

$\frac{1}{5} + \frac{1}{5} = \underline{\hspace{2cm}}$

$\frac{3}{7} \times \frac{4}{11} = \underline{\hspace{2cm}}$

$\frac{8}{9} + \frac{2}{9} = \underline{\hspace{2cm}}$

$\frac{8}{9} - \frac{5}{9} = \underline{\hspace{2cm}}$

MIGHTY METRICS

$30\text{g} + 90\text{g} = \underline{\hspace{2cm}}$

$64\text{g} + 46\text{g} = \underline{\hspace{2cm}}$

$22\text{l} - 12\text{l} = \underline{\hspace{2cm}}$

$58\text{l} - 29\text{l} = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}}\text{m} = 1.2\text{km}$

$\underline{\hspace{2cm}}\text{m} = 1.567\text{km}$

$4000\text{mg} = \underline{\hspace{2cm}}\text{g}$

$4200\text{mg} = \underline{\hspace{2cm}}\text{g}$

$200\text{cm} = \underline{\hspace{2cm}}\text{m}$

$234\text{cm} = \underline{\hspace{2cm}}\text{m}$

EXTRA EXAMPLES

$\underline{\hspace{2cm}} \text{ DAYS IN 1 YEAR}$

$24 \text{ HOURS} = \underline{\hspace{2cm}} \text{ DAY}$

$1.7 + 1.8 = \underline{\hspace{2cm}}$

$2.4 - 1.6 = \underline{\hspace{2cm}}$

$0.5 \times 3 = \underline{\hspace{2cm}}$

$1.5 \div 5 = \underline{\hspace{2cm}}$

$48, 24, \underline{\hspace{2cm}}, 6$

$1234 + 4321 = \underline{\hspace{2cm}}$

$777 - 555 = \underline{\hspace{2cm}}$

$10^2 = \underline{\hspace{2cm}}$

THE QUINTUS QUIZ

-FIND THE COST OF...

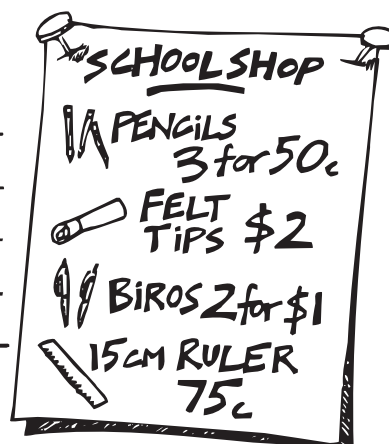
12 FELT TIPS $\underline{\hspace{2cm}}$

30 PENCILS $\underline{\hspace{2cm}}$

20 RULERS $\underline{\hspace{2cm}}$

10 BIROS $\underline{\hspace{2cm}}$

15 FELT TIPS & 10 BIROS $\underline{\hspace{2cm}}$



NUMBER OF MISTAKES $\underline{\hspace{2cm}}$

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll}
 11 + 19 = \underline{\quad} & 15 - 8 = \underline{\quad} \\
 20 - 15 = \underline{\quad} & 30 + 12 = \underline{\quad} \\
 3 \times 21 = \underline{\quad} & 28 \div 4 = \underline{\quad} \\
 56 + 12 = \underline{\quad} & 15 + 19 = \underline{\quad} \\
 74 - 36 = \underline{\quad} & 70 \div 5 = \underline{\quad} \\
 44 - 27 = \underline{\quad} & 2 \times 25 = \underline{\quad} \\
 2 \times 140 = \underline{\quad} & 100 \div 20 = \underline{\quad} \\
 150 \div 5 = \underline{\quad} & 100 - 80 = \underline{\quad} \\
 63 \div 3 = \underline{\quad} & 60 + 34 = \underline{\quad} \\
 109 + 5 = \underline{\quad} & 150 \times 2 = \underline{\quad}
 \end{array}$$

TRENDY TABLES

$$\begin{array}{ll}
 9 \times 4 = \underline{\quad} \\
 9 \times 7 = \underline{\quad} \\
 9 \times 11 = \underline{\quad} \\
 9 \times 9 = \underline{\quad} \\
 9 \times 5 = \underline{\quad} \\
 9 \times 8 = \underline{\quad} \\
 9 \times 12 = \underline{\quad} \\
 9 \times 6 = \underline{\quad} \\
 9 \times 3 = \underline{\quad} \\
 9 \times 13 = \underline{\quad}
 \end{array}$$

SILLY SEQUENCES

COMPLETE THE SEQUENCES AND WORK OUT THE TOTALS OF EACH ROW & COLUMN!

1	3	5	7	9	11	13	15	17	19	21	
1	4	7	10								
1	5	9	13								
1	6	11	16								
1	7	13	19								
1	8	15	22								

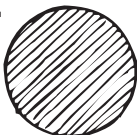
TOTAL
OF
ROWS



TOTAL OF EACH COLUMN

- WHAT IS THE PATTERN IN THE LAST COLUMN? _____
- WHAT IS THE PATTERN IN EACH ROW TOTAL? _____
- WHAT IS THE PATTERN IN EACH COLUMN TOTAL? _____

RELATIVE RELATIONS

IF  = 20, FIND THE VALUE OF EACH OF THESE



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET



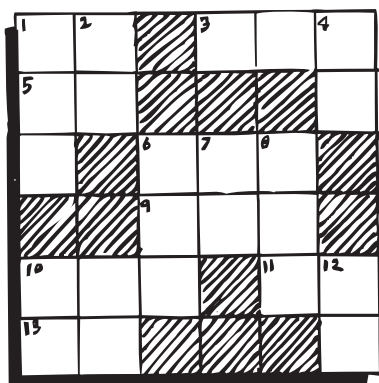
25

NIFTY NUMBERS

$$\begin{array}{ll} 5 + 27 = \underline{\quad} & 15 - 7 = \underline{\quad} \\ 20 - 12 = \underline{\quad} & 40 \div 8 = \underline{\quad} \\ 68 + 9 = \underline{\quad} & 81 \div 9 = \underline{\quad} \\ 92 - 11 = \underline{\quad} & 49 \div 7 = \underline{\quad} \\ 7 \times 45 = \underline{\quad} & 36 \div 6 = \underline{\quad} \\ 18 \times 6 = \underline{\quad} & 45 + 45 = \underline{\quad} \\ 300 \div 60 = \underline{\quad} & 90 \div 2 = \underline{\quad} \\ 200 \div 200 = \underline{\quad} & 100 \div 4 = \underline{\quad} \\ 3 \times 24 = \underline{\quad} & 3 \times 36 = \underline{\quad} \\ 108 - 92 = \underline{\quad} & 105 \times 5 = \underline{\quad} \end{array}$$

VISCOUS VARIABLES

$$\begin{array}{l} a + a + a + a + a = \underline{\quad} \\ 4b + 2b + 3b = \underline{\quad} \\ 4x + 2x + 2y + 4y = \underline{\quad} \\ (2b + 3b) \times 4 = \underline{\quad} \\ 4y \div 2y = \underline{\quad} \\ 6x \cdot 2 = \underline{\quad} \\ 4a + 2a + 3b = \underline{\quad} \\ 5k - 5k = \underline{\quad} \\ 8c + 2c + 50c = \underline{\quad} \\ 9a \cdot 2 = \underline{\quad} \end{array}$$



CROSS NUMBER

DOWN

$$\begin{array}{l} 1, 2 \overline{)1626} \\ 3, 5 \times 5 \\ 4, 5 \times 11 \\ 6, 200 + 50 \\ 7, 7 \times 7 \\ 8, \text{DOUBLE } 101 \end{array}$$

ACROSS

$$\begin{array}{l} 1, \frac{1}{2} \text{ of } 164 \\ 3, 21 \times 5 \\ 5, 45 \div 3 \\ 6, \text{DOUBLE } 121 \\ 9, 500 + 90 \\ 19, \text{TRIPLE } 200 \end{array}$$

EASY EQUATIONS

$$\begin{array}{l} 20 = \underline{\quad} \times 5 \\ 24 \div \underline{\quad} = 6 \\ 12 \times 2 = 8 \times \underline{\quad} \\ 5 \times \underline{\quad} = 15 \times 1 \\ 20 + 4 = 6 \times \underline{\quad} \\ 38 \div 2 = 15 + \underline{\quad} \\ 18 - 3 = 5 \times \underline{\quad} \\ \frac{1}{2} \text{ of } \underline{\quad} = 10 \\ 12 - 4 + 4 = \underline{\quad} \\ \underline{\quad} 40 = 20 \end{array}$$

MONEY MIXTURES

COST OF 4 ICECREAMS AT 70c EACH _____

$\frac{1}{2}$ OF \$5 _____

SPEND \$3.70, CHANGE FROM \$5 _____

$\frac{1}{2}$ kg OF RICE AT 90c/kg _____

\$800 + \$30 _____

2 SAUSAGE ROLLS AT 45c EACH

CHANGE FROM \$1 FOR

2 SAUSAGE ROLLS _____

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 38 - 16 &= \underline{\quad} \\ 46 + 49 &= \underline{\quad} \\ 48 + 45 &= \underline{\quad} \\ 53 - 27 &= \underline{\quad} \\ 40 \times 11 &= \underline{\quad} \\ 32 \times 4 &= \underline{\quad} \\ 28 \times 7 &= \underline{\quad} \\ 45 \div 9 &= \underline{\quad} \\ 32 \div 8 &= \underline{\quad} \\ 64 - 26 &= \underline{\quad} \end{aligned}$$

DANDY DECIMALS

$$\begin{aligned} 1.6 + 1.7 &= \underline{\quad} \\ 2.3 + 1.9 &= \underline{\quad} \\ 2.5 + 3.5 &= \underline{\quad} \\ 1.9 - 0.8 &= \underline{\quad} \\ 2.4 - 1.6 &= \underline{\quad} \\ 10 \times 5.61 &= \underline{\quad} \\ 100 \times 23.4 &= \underline{\quad} \\ 43.2 \div 10 &= \underline{\quad} \\ 69\% \text{ AS A DECIMAL IS } &\underline{\quad} \\ 9\% \text{ AS A DECIMAL IS } &\underline{\quad} \end{aligned}$$

RADICAL ROMANS

$$\begin{aligned} \text{LII} &= \underline{\quad} \\ \text{LXXV} &= \underline{\quad} \\ \text{CXXV} &= \underline{\quad} \\ \text{CC} &= \underline{\quad} \\ \text{MM} &= \underline{\quad} \\ \underline{\quad} &= 50 \\ \underline{\quad} &= 100 \\ \underline{\quad} &= 300 \\ \underline{\quad} &= 1000 \\ \underline{\quad} &= 3000 \end{aligned}$$


26

EXTRA EXAMPLES

$$\begin{aligned} 471 + 400 &= \underline{\quad} \\ 800 + 800 &= \underline{\quad} \\ 600 - 321 &= \underline{\quad} \\ 700 - 490 &= \underline{\quad} \\ 110 \times 5 &= \underline{\quad} \\ 234 \times 10 &= \underline{\quad} \\ 432 \div 100 &= \underline{\quad} \\ 800 \div 40 &= \underline{\quad} \\ 999 + 888 &= \underline{\quad} \\ 999 - 888 &= \underline{\quad} \end{aligned}$$

THE QUINTUS QUIZ

I LEFT HOME AT _____
IT TOOK _____ MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR _____ HOURS. SUPPER
WAS AT _____ TODAY. I WAS
OUT OF BED FOR _____ HOURS.


- FRIDAY -
OUT OF BED 7.15
LEFT HOME 8.05
GOT TO SCHOOL 8.40
SCHOOL FINISHED 3.10
ARRIVED HOME 4.00
SUPPERTIME 9.25
INTO MY BED 11.30

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 17 - 15 &= \underline{\quad} \\ 43 + 16 &= \underline{\quad} \\ 19 + 17 &= \underline{\quad} \\ 42 - 13 &= \underline{\quad} \\ 13 \times 8 &= \underline{\quad} \\ 7 \times 11 &= \underline{\quad} \\ 12 \times 60 &= \underline{\quad} \\ 32 \div 4 &= \underline{\quad} \\ 84 \div 12 &= \underline{\quad} \\ 37 + 24 &= \underline{\quad} \end{aligned}$$

MONEY MIXTURES

$$\begin{aligned} 48c + 17c &= \underline{\quad} \\ 48c - 17c &= \underline{\quad} \\ 4 \times 30c &= \underline{\quad} \\ 25c + 60c + 24c &= \underline{\quad} \\ \$2 + \$3 + \$12 &= \underline{\quad} \\ \text{HOW MANY } 10c \text{ COINS MAKE } \$9? &\underline{\quad} \\ \text{HOW MANY } 20c \text{ COINS MAKE } \$4? &\underline{\quad} \\ 56c + 28c &= \underline{\quad} \\ 56c - 28c &= \underline{\quad} \\ \$1.32 + \$2.31 &= \underline{\quad} \end{aligned}$$

VISCIOUS VARIABLES

$$\begin{aligned} a + a + a &= \underline{\quad} \\ b + 2b &= \underline{\quad} \\ 3c + 4c &= \underline{\quad} \\ 5d + 7d &= \underline{\quad} \\ 2e - e &= \underline{\quad} \\ 14f - 4f &= \underline{\quad} \\ 10g - 5g &= \underline{\quad} \\ 6h + 2h &= \underline{\quad} \\ 17i + 7i &= \underline{\quad} \\ 6j - 6j &= \underline{\quad} \end{aligned}$$

EXTRA EXAMPLES

$$\begin{aligned} 500 + 216 &= \underline{\quad} \\ 180 - 94 &= \underline{\quad} \\ 8 \times 60 &= \underline{\quad} \\ 20 \times 100 &= \underline{\quad} \\ 800 \div 16 &= \underline{\quad} \\ 203 + 302 &= \underline{\quad} \\ 415 - 310 &= \underline{\quad} \\ 210 \div 7 &= \underline{\quad} \\ 324 + 177 &= \underline{\quad} \\ 423 - 222 &= \underline{\quad} \end{aligned}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN NOVEMBER?
- WHAT DAY IS OCTOBER 29th?
- WHAT DATE IS THE FIRST FRIDAY OF OCTOBER?
- WHAT DATE IS THE FOURTH SUNDAY OF NOVEMBER?
- HOW MANY THURSDAYS IN OCTOBER?

OCTOBER						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET



28

NIFTY NUMBERS

$25 - 21 = \underline{\quad}$

$34 + 35 = \underline{\quad}$

$91 + 12 = \underline{\quad}$

$36 - 29 = \underline{\quad}$

$15 \times 7 = \underline{\quad}$

$8 \times 20 = \underline{\quad}$

$10 \times 32 = \underline{\quad}$

$44 \div 11 = \underline{\quad}$

$64 \div 8 = \underline{\quad}$

$100 \div 25 = \underline{\quad}$

TRENDY TABLES

$12 \times \underline{\quad} = 12$

$12 \times \underline{\quad} = 24$

$12 \times 3 = \underline{\quad}$

$12 \times 4 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

$12 \times \underline{\quad} = 84$

$12 \times \underline{\quad} = 96$

$12 \times \underline{\quad} = 120$

$12 \times 0 = \underline{\quad}$

$12 \times 11 = \underline{\quad}$

SOFT SUBSTITUTES

$a = 25, a + 8 = \underline{\quad}$

$b = 34, b + 11 = \underline{\quad}$

$c = 46, c + 23 = \underline{\quad}$

$d = 62, 7 + d = \underline{\quad}$

$e = 31, 14 + e = \underline{\quad}$

$r = 48, 17 + r = \underline{\quad}$

$s = 50, 29 + s = \underline{\quad}$

$t = 54, t - 30 = \underline{\quad}$

$u = 20, u - 14 = \underline{\quad}$

$v = 40, 3v = \underline{\quad}$

EXTRA EXAMPLES

$90 \text{ SUBTRACT } 48 \text{ IS } \underline{\quad}$

$84 \text{ DIVIDED BY } 6 \text{ IS } \underline{\quad}$

$\$24 \cdot 20 \times 5 = \underline{\quad}$

$\$36 \cdot 85 \times 20 = \underline{\quad}$

$1234 = 1000 + \underline{\quad} + \underline{\quad} + \underline{\quad}$

$2806 + 708 = \underline{\quad}$

$4091 = \underline{\quad} + 0 + \underline{\quad} + 1$

$3456 + 6543 = \underline{\quad}$

$8765 - 5678 = \underline{\quad}$

$777 + 888 = \underline{\quad}$

THE QUINTUS QUIZ

-FIND THE COST FOR...

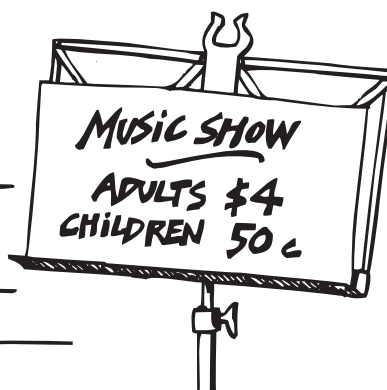
1 ADULT & 1 CHILD $\underline{\quad}$

2 ADULTS & 2 CHILDREN $\underline{\quad}$

4 ADULTS & 1 CHILD $\underline{\quad}$

1 ADULT & 3 CHILDREN $\underline{\quad}$

3 ADULTS & 10 CHILDREN $\underline{\quad}$



NUMBER OF MISTAKES $\underline{\quad}$

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$45 - 24 = \underline{\quad}$

$37 + 38 = \underline{\quad}$

$53 - 46 = \underline{\quad}$

$62 + 52 = \underline{\quad}$

$30 \times 12 = \underline{\quad}$

$42 \times 5 = \underline{\quad}$

$36 \div 9 = \underline{\quad}$

$55 \div 11 = \underline{\quad}$

$27 \times 6 = \underline{\quad}$

$68 - 19 = \underline{\quad}$

FANTASTIC FRACTIONS

$\frac{1}{3} \text{ OF } 6 = \underline{\quad}$

$\frac{1}{3} \text{ OF } 15 = \underline{\quad}$

$\frac{1}{4} \text{ OF } 8 = \underline{\quad}$

$\frac{1}{4} \text{ OF } 20 = \underline{\quad}$

$\frac{1}{4} \text{ OF } 40 = \underline{\quad}$

$\frac{1}{6} \times \frac{1}{6} = \underline{\quad}$

$\frac{1}{6} + \frac{1}{6} = \underline{\quad}$

$\frac{2}{7} \times \frac{6}{11} = \underline{\quad}$

$\frac{9}{10} + \frac{2}{10} = \underline{\quad}$

$\frac{9}{13} - \frac{5}{13} = \underline{\quad}$



MIGHTY METRICS

29

EXTRA EXAMPLES

$310\text{m} + 240\text{m} = \underline{\quad}$

$146\text{m} - 58\text{m} = \underline{\quad}$

$456\text{g} + 354\text{g} = \underline{\quad}$

$231\text{g} - 85\text{g} = \underline{\quad}$

$527\text{l} + 386\text{l} = \underline{\quad}$

$394\text{l} - 159\text{l} = \underline{\quad}$

$6500\text{m} = \underline{\quad}\text{km}$

$\underline{\quad}\text{m} = 6.75\text{km}$

$931\text{cl} = \underline{\quad}\text{l}$

$\underline{\quad}\text{cl} = 9.6\text{l}$

$\underline{\quad}\text{ DAYS IN JULY}$

$12\text{ MONTHS} = \underline{\quad}\text{ YEAR}$

$3.3 + 7.7 = \underline{\quad}$

$3.6 - 2.8 = \underline{\quad}$

$0.6 \times 5 = \underline{\quad}$

$2.4 \div 6 = \underline{\quad}$

$20, 19, 17, \underline{\quad}, 10$

$8080 + 808 = \underline{\quad}$

$456 - 265 = \underline{\quad}$

$2^3 = \underline{\quad}$

THE QUINTUS QUIZ

FIND THE COST OF...

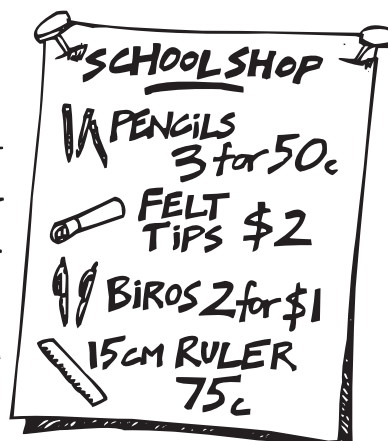
100 RULERS _____

100 BIROS _____

20 FELT TIPS & 30 PENCILS _____

50 BIROS & 100 FELT TIPS _____

50 RULERS & 300 PENCILS _____



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll}
 19 - 6 = \underline{\quad} & 14 \times 5 = \underline{\quad} \\
 3 + 19 = \underline{\quad} & 9 \times 9 = \underline{\quad} \\
 20 - 14 = \underline{\quad} & 15 + 8 = \underline{\quad} \\
 4 \times 13 = \underline{\quad} & 26 \div 2 = \underline{\quad} \\
 55 \div 5 = \underline{\quad} & 20 \times 5 = \underline{\quad} \\
 104 - 10 = \underline{\quad} & 106 + 8 = \underline{\quad} \\
 3 \times 90 = \underline{\quad} & 100 \div 10 = \underline{\quad} \\
 210 \div 7 = \underline{\quad} & 30 \times 5 = \underline{\quad} \\
 28 \div 2 = \underline{\quad} & 20 \times 2 = \underline{\quad} \\
 18 + 27 = \underline{\quad} & 18 + 15 = \underline{\quad}
 \end{array}$$

TELLING TABLES

$$\begin{array}{ll}
 11 \times 3 = \underline{\quad} \\
 11 \times 7 = \underline{\quad} \\
 11 \times 9 = \underline{\quad} \\
 11 \times 11 = \underline{\quad} \\
 11 \times 5 = \underline{\quad} \\
 11 \times 8 = \underline{\quad} \\
 11 \times 10 = \underline{\quad} \\
 11 \times 12 = \underline{\quad} \\
 11 \times 4 = \underline{\quad} \\
 11 \times 6 = \underline{\quad}
 \end{array}$$



VISCOUS VARIABLES

$$\begin{array}{ll}
 y + 2y + 5y = \underline{\quad} \\
 5c + 3c + 8c = \underline{\quad} \\
 9d - 8d = \underline{\quad} \\
 5p + 2p + 8p = \underline{\quad} \\
 10e + 5e - 3e = \underline{\quad} \\
 2f + 20f - 6f = \underline{\quad} \\
 2g \cdot 5 = \underline{\quad} \\
 3x \cdot 4x = \underline{\quad} \\
 3y \div 3y = \underline{\quad} \\
 8y \div 4 = \underline{\quad}
 \end{array}$$

MIGHTY METRICS

20 MINUTES AFTER 10:55 AM

WHAT IS HALFA CIRCLE CALLED

DIAMETER = 11cm. RADIUS =

100 YEARS = DECADES

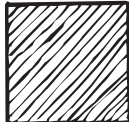
HOW MANY MINUTES BETWEEN

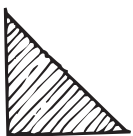
2:35 PM AND 3:20 PM

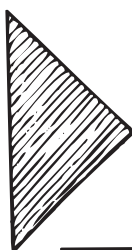
MINUTES IN 4 HOURS

10 LITRES OF PETROL AT \$1.10
PER LITRE COSTS

RELATIVE RELATIONS

IF  = 12, WHAT IS THE VALUE OF...



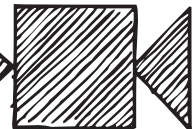












NUMBER OF MISTAKES



THE ANSWERS

WHIZZ-KIDS WORKSHEET!

— THIS IS THE FIRST OF 30 W.K.W.S. WORK THROUGH THEM, RECORD YOUR RESULTS ON THE GRAPH AT THE BACK OF THE BOOK, & WATCH YOURSELF IMPROVE! —

NIFTY NUMBERS

$$\begin{array}{ll} 15 + 5 = 20 & 12 \times 7 = 84 \\ 3 \times 12 = 36 & 4 + 28 = 32 \\ 16 + 7 = 23 & 19 - 17 = 2 \\ 20 - 17 = 3 & 45 \div 9 = 5 \\ 5 \times 0 = 0 & 55 \div 5 = 11 \\ 36 \div 9 = 4 & 31 + 11 = 42 \\ 13 + 8 = 21 & 12 - 12 = 0 \\ 2 \times 26 = 52 & 13 + 13 = 26 \\ 4 \times 15 = 60 & 16 \times 3 = 48 \\ 99 \div 11 = 9 & 14 + 26 = 40 \end{array}$$

POSSIBLE PATTERNS

2, 4, 6, 8, 10
5, 10, 15, 20, 25
1, 7, 13, 19, 25
50, 100, 200, 400, 800
15, 35, 55, 75, 95
1, 6, 10, 13, 15, 16
1, 3, 7, 15, 31, 63
100, 80, 60, 40, 20
1, 4, 10, 22, 46, 94
2, 5, 9, 14, 20, 27

THE QUINTUS QUIZ

$$\begin{array}{r} 55 \\ 7 \overline{) 385} \end{array}$$

$$\begin{array}{r} 128 \\ 6 \overline{) 768} \end{array}$$

$$\begin{array}{r} 22 \quad 33 \\ 4 \overline{) 88} \quad 3 \overline{) 99} \\ 181 \\ 11 \overline{) 1991} \end{array}$$

WORDY WHIMS

$$\begin{array}{ll} 4 \text{ PLUS } 2 = 6 & \\ 10 \text{ MINUS } 5 = 5 & \\ 3 \text{ LESS THAN } 15 = 12 & \\ \text{FIVE FIVES} = 25 & \\ \text{HOW MANY 2's IN } 20 & 10 \\ \text{DIVIDE } 24 \text{ BY } 3 & 8 \\ \text{PRODUCT OF } 3 \text{ AND } 9 & 27 \\ \text{NINE PLUS } 6 = & 15 \\ 24 \text{ TAKEAWAY } 9 = & 15 \\ 3 \text{ MORE THAN } 5 = & 8 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{ll} 5 + 12 = 17 & + 8 \\ 25 - 9 = 16 & = 8 \times 2 \\ \text{TOTAL OF } 5, 7, 8, 4 & 24 \\ \text{DIFFERENCE BETWEEN } 16 \text{ \& } 9 & 7 \\ 210 \div 0.12 = & 222 \\ 144 - 144 = & 0 \\ \text{FOUR LOTS OF } 25 \text{ EQUAL } 100 & \\ 10 \times 10 \times 10 = & 1000 \\ \text{HALF OF } 4 & 2 \\ \$10 \text{ DIVIDED INTO } 5 \text{ PEOPLE} & \$2 \end{array}$$

NUMBER OF MISTAKES



WHIZZ-KIDS WORKSHEET!



NIFTY NUMBERS

$$\begin{array}{ll} 7 + 8 = 15 & \\ 9 - 1 = 8 & \\ 8 \times 6 = 48 & \\ 9 \div 3 = 3 & \\ 6 + 5 = 11 & \\ 5 - 2 = 3 & \\ 4 \times 7 = 28 & \\ 7 \div 1 = 7 & \\ 3 + 9 = 12 & \\ 9 + 9 = 18 & \end{array}$$

RADICAL ROMANS

$$\begin{array}{ll} \text{III} = 3 & \\ \text{V} = 5 & \\ \text{VII} = 7 & \\ \text{X} = 10 & \\ \text{XI} = 11 & \\ \text{II} = 2 & \\ \text{IV} = 4 & \\ \text{VIII} = 8 & \\ \text{XII} = 12 & \\ \text{XX} = 20 & \end{array}$$

DANDY DECIMALS

$$\begin{array}{ll} 0.4 + 0.1 = 0.5 & \\ 0.3 + 0.3 = 0.6 & \\ 0.4 - 0.1 = 0.3 & \\ 0.3 - 0.3 = 0 & \\ 1.2 + 0.7 = 1.9 & \\ 1.8 - 0.7 = 1.1 & \\ 3 \times 0.2 = 0.6 & \\ 2 \times 0.4 = 0.8 & \\ 0.6 \div 2 = 0.3 & 1.2 \div 2 = 0.6 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{ll} 123 + 200 = 323 & \\ 300 + 300 = 600 & \\ 200 - 185 = 15 & \\ 300 - 140 = 160 & \\ 40 \times 5 = 200 & \\ 90 \times 10 = 900 & \\ 50 \div 5 = 10 & \\ 1200 \div 10 = 120 & \\ 333 + 222 = 555 & \\ 543 - 345 = 198 & \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT 8.00
IT TOOK 60 MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR 6 HOURS. SUPPER
WAS AT 8.30 TODAY. I WAS
OUT OF BED FOR 15 HOURS.

— MONDAY —
OUT OF BED 6.00 a.m.
LEFT HOME 8.00
GOT TO SCHOOL 9.00
SCHOOL FINISHED 3.00
ARRIVED HOME 4.00
SUPPERTIME 8.30
INTO MY BED 9.00

NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 2 + 3 = 5 \\ 5 - 1 = 4 \\ 3 \times 4 = 12 \\ 8 \div 2 = 4 \\ 4 + 9 = 13 \\ 9 - 5 = 4 \\ 6 \times 6 = 36 \\ 5 \div 1 = 5 \\ 7 + 8 = 15 \\ 9 + 4 = 13 \end{array}$$

3

MONEY MIXTURES

$$\begin{array}{l} 10c + 10c = 20c \\ 20c + 10c = 30c \\ 5 \times 20c = \$1 \\ 20c + 20c = 40c \\ 50c + 20c = 70c \\ \$6 + \$5 = \$11 \\ \$8 - \$7 = \$1 \\ \$10 \times 8 = \$80 \\ \$10 \div 5 = \$2 \end{array}$$

VISCOUS VARIABLES

$$\begin{array}{l} a + a = 2a \\ b + b = 2b \\ 2c + c = 3c \\ 2d + 2d = 4d \\ 4e + 3e = 7e \\ f - f = 0 \\ 2g - g = g \\ 4h - h = 3h \\ 3i - 2i = i \\ j + j + j = 3j \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 100 + 123 = 223 \\ 200 + 300 = 500 \\ 100 - 85 = 15 \\ 200 - 160 = 40 \\ 50 \times 7 = 350 \\ 80 \times 10 = 800 \\ 30 \div 3 = 10 \\ 60 \div 10 = 6 \\ 111 + 111 = 222 \\ 234 - 134 = 100 \end{array}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN FEBRUARY? 28
- WHAT DAY IS MARCH 12th? TUESDAY
- WHAT DATE IS THE SECOND THURSDAY OF MARCH? 14th
- WHAT DATE IS THE FOURTH MONDAY OF FEBRUARY? 25th
- HOW MANY FRIDAYS IN MARCH? 5

FEBRUARY						
M	T	W	T	F	S	S
					1	2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH						
M	T	W	T	F	S	S
					1	2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 4 + 5 = 9 \\ 6 - 1 = 5 \\ 5 \times 4 = 20 \\ 3 \div 1 = 3 \\ 6 + 2 = 8 \\ 7 - 5 = 2 \\ 3 \times 3 = 9 \\ 8 \div 4 = 2 \\ 5 + 5 = 10 \\ 7 + 6 = 13 \end{array}$$

TRENDY TABLES

$$\begin{array}{l} 2 \times 1 = 2 \\ 2 \times 2 = 4 \\ 2 \times 3 = 6 \\ 2 \times 5 = 10 \\ 2 \times 7 = 14 \\ 2 \times 6 = 12 \\ 2 \times 9 = 18 \\ 2 \times 10 = 20 \\ 2 \times 13 = 26 \\ 2 \times 12 = 24 \end{array}$$

4

SOFT SUBSTITUTES

$$\begin{array}{l} a = 3, a + 5 = 8 \\ b = 4, b + 12 = 16 \\ c = 8, c - 1 = 7 \\ d = 7, d - 3 = 4 \\ e = 5, e + 4 = 9 \\ f = 2, f - 1 = 1 \\ g = 6, 3g = 18 \\ h = 9, 4h = 36 \\ i = 1, 10i = 10 \\ j = 10, 5j = 50 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 6 \text{ ADDED TO } 27 \text{ IS } 33 \\ 3 \text{ TIMES } 18 \text{ IS } 54 \\ \$4.50 + \$6.25 = \$10.75 \\ \$5.80 + \$7.80 = \$13.60 \\ 462 = 400 + 60 + 2 \\ 500 + 20 + 6 = 526 \\ 210 + 123 = 333 \\ 157 + 225 = 382 \\ 240 - 130 = 110 \\ 188 - 66 = 122 \end{array}$$

THE QUINTUS QUIZ

- FIND THE COST FOR...
- 2 PARENTS ONLY \$6
- 1 PARENT & 1 CHILD \$4
- 2 PARENTS & 2 CHILDREN \$8
- 1 PARENT & 3 CHILDREN \$6
- 4 PARENTS & 2 CHILDREN \$14



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 6 + 8 = 14 \\ 8 - 6 = 2 \\ 5 \times 3 = 15 \\ 6 \div 2 = 3 \\ 7 + 4 = 11 \\ 5 - 5 = 0 \\ 6 \times 6 = 36 \\ 8 \div 8 = 1 \\ 7 + 7 = 14 \\ 5 + 6 = 11 \end{array}$$

5

FANTASTIC FRACTIONS

$$\begin{array}{l} \frac{1}{2} \text{ OF } 2 = 1 \\ \frac{1}{2} \text{ OF } 6 = 3 \\ \frac{1}{2} \text{ OF } 14 = 7 \\ \frac{1}{2} \text{ OF } 20 = 10 \\ \frac{1}{2} \times \frac{1}{2} = \frac{1}{4} \\ \frac{1}{2} \times \frac{2}{3} = \frac{1}{3} \\ \frac{1}{2} + \frac{1}{2} = 1 \\ \frac{1}{2} + \frac{1}{3} = \frac{5}{6} \\ \frac{1}{2} - \frac{1}{2} = 0 \\ \frac{1}{3} - \frac{1}{3} = 0 \end{array}$$

MIGHTY METRICS

$$\begin{array}{l} 60m + 50m = 110cm \\ 48cm + 16cm = 64cm \\ 87m - 47m = 40cm \\ 54mm - 26mm = 28mm \\ 100cm = 1m \\ 200cm = 2m \\ 1000ml = 1l \\ 3000ml = 3l \\ 1234g = 1.234kg \\ 4321g = 4.321kg \end{array}$$

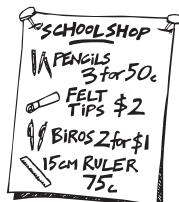
EXTRA EXAMPLES

$$\begin{array}{l} 7 \text{ DAYS} = 1 \text{ WEEK} \\ 60 \text{ SECONDS IN } 1 \text{ MINUTE} \\ 0.6 + 0.5 = 1.1 \\ 1.8 - 0.9 = 0.9 \\ 0.2 \times 4 = 0.8 \\ 0.4 \div 2 = 0.2 \\ 1, 2, 4, 8, 16 \\ 238 + 832 = 1070 \\ 541 - 268 = 273 \\ 2^2 = 4 \end{array}$$

THE QUINTUS QUIZ

- FIND THE COST OF...

$$\begin{array}{l} 6 \text{ PENCILS } \$1 \\ 3 \text{ FELT TIPS } \$6 \\ 2 \text{ RULERS } \$1.50 \\ 3 \text{ PENCILS \& 2 BIROS } \$1.50 \\ 3 \text{ FELT TIPS, 2 BIROS, \& 2 RULERS } \$8.50 \end{array}$$



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 5 + 10 = 15 \\ 18 - 9 = 9 \\ 15 - 12 = 3 \\ 37 + 12 = 49 \\ 2 \times 11 = 22 \\ 25 + 8 = 33 \\ 6 \times 40 = 240 \\ 15 \times 7 = 105 \\ 48 \div 8 = 6 \\ 15 \div 5 = 3 \end{array}$$

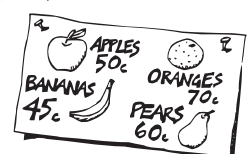
EASY EQUATIONS

$$\begin{array}{l} 5 + 4 = 9 \\ 14 - 2 = 12 \\ 15 \times 3 = 45 \\ 6 \times 6 = 36 \\ 7 + 8 = 15 \\ 28 - 12 = 16 \\ 4 + 14 = 18 \\ 8 + 4 = 12 \\ 12 - 2 = 10 \\ 2 \times 10 = 20 \end{array}$$

CALENDAR COLLECTIONS

- HOW MANY DAYS IN MAY? 31
- HOW MANY MONDAYS IN FEBRUARY? ***
- WHAT DAY WAS 31st JANUARY? ***
- HOW MANY SCHOOL DAYS IN JUNE? ***
- WHAT DATE IS THE LAST FRIDAY IN MAY? ***
- HOW MANY DAYS IN OCTOBER & NOVEMBER? 31 + 30 = 61
- HOW MANY DAYS TO THE NEXT HOLIDAY? NOT MANY I HOPE!
- HOW MANY DAYS IN A YEAR? 365 or 366 (LEAP YEAR)
- *** THE ANSWERS TO THESE QUESTIONS ARE YEAR DEPENDANT

MONEY MIXTURES



- FIND THE COST OF:
 - 2 APPLES \$1
 - 3 ORANGES \$2.10
 - 3 BANANAS AND A PEAR \$1.95
- WHAT IS THE CHANGE FROM \$10 IF I BUY:
 - 10 APPLES \$5
 - 12 ORANGES AND A PEAR \$9
 - 10 BANANAS AND AN APPLE \$5

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 17+19 = 36 & 20+5 = 25 \\ 13+15 = 28 & 14 \times 9 = 126 \\ 20-19 = 1 & 18+6 = 24 \\ 47+9 = 56 & 27-15 = 12 \\ 7+45 = 52 & 3 \times 30 = 90 \\ 24 \times 5 = 120 & 39 \div 3 = 13 \\ 8 \times 15 = 120 & 12+29 = 41 \\ 42 \div 6 = 7 & 16 \times 2 = 32 \\ 10 \times 30 = 300 & 46 \div 2 = 23 \\ 28-17 = 11 & 250-50 = 200 \end{array}$$

DARTS - FIND THE SCORES FOR EACH PERSON!

NAME	SCORES	TOTAL
HINE	5, 4, 20	29
MARY	9, 9, 9	27
JAMES	DOUBLE 6, 20, 20	52
MIKE	TRIPLE 12, 18, 4	58
ESTHER	DOUBLE 6, TRIPLE 4, 3	27
LYNDA	DOUBLE 17, 15, 10	59
CRAIG	8, 11, 14	33
TALA	19, DOUBLE 3, 6	31

WHO SCORED THE HIGHEST?
LYNDA

Magic

6	1	8
7	5	3
2	9	4

EACH ROW ADDS UP TO 15
EACH COLUMN ADDS UP TO 15
EACH DIAGONAL ADDS UP TO 15

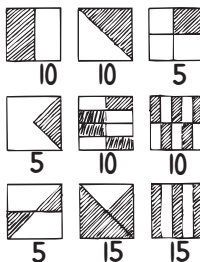
NUMBER OF MISTAKES

WORDY WHIMS

SUBTRACT 9 FROM 12 3
SHARE \$30 BETWEEN 6 \$5
WRITE TWO THOUSAND 2000
24 SUBTRACT 15 9
TOTAL OF 9, 4, AND 8 21
4 FIVES 20
8 MORE THAN 7 15
DIFFERENCE BETWEEN 9 & 12 3
HALF OF 60 30
AT NOON IT'S 12 O'CLOCK

RELATIVE RELATIONS

IF  = 20, FIND THE VALUES OF...



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 8+3 = 11 \\ 8-3 = 5 \\ 4 \times 7 = 28 \\ 12 \div 4 = 3 \\ 7+9 = 16 \\ 11-5 = 6 \\ 6 \times 6 = 36 \\ 9 \div 1 = 9 \\ 7-0 = 7 \\ 4-4 = 0 \end{array}$$

DANDY DECIMALS

$$\begin{array}{ll} 0.5 + 0.2 = 0.7 \\ 0.4 + 0.4 = 0.8 \\ 0.5 - 0.2 = 0.3 \\ 0.4 - 0.4 = 0 \\ 1.3 + 0.6 = 1.9 \\ 1.9 - 0.6 = 1.3 \\ 4 \times 0.1 = 0.4 \\ 5 \times 0.3 = 1.5 \\ 0.6 = 0.2 & 1.2 = 0.4 \\ 3 & 3 \end{array}$$

RADICAL ROMANS

$$\begin{array}{ll} II = 2 \\ IV = 4 \\ VI = 6 \\ IX = 9 \\ XV = 15 \\ V = 5 \\ X = 10 \\ XIII = 13 \\ XXI = 21 \\ XXV = 25 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{ll} 321 + 200 = 521 \\ 400 + 400 = 800 \\ 300 - 165 = 135 \\ 400 - 120 = 280 \\ 60 \times 5 = 300 \\ 38 \times 10 = 380 \\ 70 \div 7 = 10 \\ 1500 \div 10 = 150 \\ 444 + 555 = 999 \\ 651 - 156 = 495 \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT 8:30 AM
IT TOOK 30 MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR 7 HOURS. SUPPER
WAS AT 8:45 PM TODAY. I WAS
OUT OF BED FOR 16 HOURS.

- TUESDAY -
OUT OF BED 7:00 am.
LEFT HOME 8:30
GO TO SCHOOL 9:00
SCHOOL FINISHED 4:00
ARRIVED HOME 4:20
SUPPERTIME 8:45
INTO MY BED 11:00

NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 3+2 = 5 \\ 10-5 = 5 \\ 4 \times 1 = 4 \\ 9 \div 3 = 3 \\ 6+4 = 10 \\ 8-7 = 1 \\ 5 \times 5 = 25 \\ 6 \div 2 = 3 \\ 7-4 = 3 \\ 9-3 = 6 \end{array}$$



MONEY MIXTURES

$$\begin{array}{ll} 10c + 20c = 30c \\ 20c + 50c = 70c \\ 55c - 15c = 40c \\ 20c - 20c = 0 \\ 4 \times 20c = 80c \\ 5 \times 50c = \$2.50 \\ \$3 + \$7 = \$10 \\ \$7 - \$3 = \$4 \\ \$7 \times 8 = \$56 \\ \$20 \div 4 = \$5 \end{array}$$

VISCOUS VARIABLES

$$\begin{array}{ll} k + k = 2k \\ l - l = 0 \\ 3m + m = 4m \\ 5n + 2n = 7n \\ 4p + 3p = 7p \\ 3q - q = 2q \\ 5r - 2r = 3r \\ 2s + 2s = 4s \\ t + t + t = 3t \\ 3u - 3u = 0 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{ll} 200 + 145 = 345 \\ 300 + 400 = 700 \\ 200 - 110 = 90 \\ 100 - 63 = 37 \\ 60 \times 2 = 120 \\ 70 \times 3 = 210 \\ 40 \div 4 = 10 \\ 50 \div 10 = 5 \\ 222 + 222 = 444 \\ 435 - 135 = 300 \end{array}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN MAY? 31 days
- WHAT DAY IS APRIL 23rd? Tuesday
- WHAT DATE IS THE FIRST WEDNESDAY OF MAY? 1st
- WHAT DATE IS THE THIRD SUNDAY OF APRIL? 21st
- HOW MANY TUESDAYS IN APRIL? 5

NUMBER OF MISTAKES

APRIL						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{ll} 5+3 = 8 \\ 10-4 = 6 \\ 6 \times 8 = 48 \\ 4 \div 4 = 1 \\ 7+2 = 9 \\ 8-3 = 5 \\ 5 \times 5 = 25 \\ 6 \div 3 = 2 \\ 9-7 = 2 \\ 5-1 = 4 \end{array}$$

TRENDY TABLES

$$\begin{array}{ll} 4 \times 1 = 4 \\ 4 \times 2 = 8 \\ 4 \times 3 = 12 \\ 4 \times 4 = 16 \\ 4 \times 5 = 20 \\ 4 \times 8 = 32 \\ 4 \times 9 = 36 \\ 4 \times 10 = 40 \\ 4 \times 12 = 48 \\ 4 \times 15 = 60 \end{array}$$



SOFT SUBSTITUTES

$$\begin{array}{ll} k = 7, k + 3 = 10 \\ l = 8, l + 11 = 19 \\ m = 4, m - 2 = 2 \\ n = 9, n - 5 = 4 \\ p = 2, 8 + p = 10 \\ r = 3, 7 - r = 4 \\ s = 5, 8s = 40 \\ t = 6, 3t = 18 \\ u = 1, 5u = 5 \\ v = 10, 6v = 60 \end{array}$$

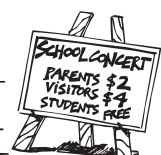
EXTRA EXAMPLES

$$\begin{array}{ll} 32 \text{ ADDED TO } 9 \text{ IS } 41 \\ 13 \text{ TIMES } 5 \text{ IS } 65 \\ \$5.40 + \$2.55 = \$7.95 \\ \$8.65 + \$9.70 = \$18.35 \\ 829 = 800 + 20 + 9 \\ 700 + 40 + 3 = 743 \\ 230 + 142 = 372 \\ 175 + 251 = 426 \\ 250 - 140 = 110 \\ 177 - 33 = 144 \end{array}$$

THE QUINTUS QUIZ

- FIND THE COST FOR...

- 2 PARENTS ONLY \$4
- 3 PARENTS & 1 STUDENT \$6
- 1 PARENT & 1 VISITOR \$2
- 1 PARENT & 3 STUDENTS \$2
- 2 PARENTS & 2 VISITORS \$12



NUMBER OF MISTAKES

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 9 + 5 = 14 \\ 9 - 5 = 4 \\ 8 \times 9 = 72 \\ 10 \div 2 = 5 \\ 7 + 6 = 13 \\ 8 - 8 = 0 \\ 7 \times 6 = 42 \\ 3 \div 3 = 1 \\ 10 - 7 = 3 \\ 10 - 0 = 10 \end{array}$$

FANTASTIC FRACTIONS

$$\begin{array}{l} \frac{1}{2} \text{ OF } 4 = 2 \\ \frac{1}{2} \text{ OF } 8 = 4 \\ \frac{1}{2} \text{ OF } 16 = 8 \\ \frac{1}{2} \text{ OF } 30 = 15 \\ \frac{1}{3} \times \frac{1}{3} = \frac{1}{9} \\ \frac{2}{3} \times \frac{1}{3} = \frac{2}{9} \\ \frac{1}{3} + \frac{1}{3} = \frac{2}{3} \\ \frac{2}{3} + \frac{1}{3} = 1 \\ \frac{1}{3} - \frac{1}{3} = 0 \\ \frac{1}{4} - \frac{1}{4} = 0 \end{array}$$



MIGHTY METRICS

$$\begin{array}{l} 40\text{m} + 80\text{m} = 120\text{m} \\ 37\text{cm} + 17\text{cm} = 54\text{cm} \\ 52\text{m} - 32\text{m} = 20\text{m} \\ 61\text{mm} - 45\text{mm} = 16\text{mm} \\ 100\text{cl} = 1\text{l} \\ 300\text{cl} = 3\text{l} \\ 1000\text{mg} = 1\text{g} \\ 2000\text{mg} = 2\text{g} \\ 5678\text{m} = 5.678\text{km} \\ 8567\text{m} = 8.567\text{km} \end{array}$$

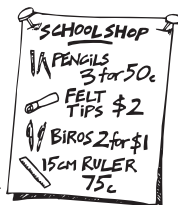
EXTRA EXAMPLES

$$\begin{array}{l} 14 \text{ DAYS IN 1 FORTNIGHT} \\ 300 \text{ sec} = 5 \text{ MINUTES} \\ 0.9 + 0.9 = 1.8 \\ 1.3 - 0.7 = 0.6 \\ 0.3 \times 9 = 2.7 \\ 0.9 \div 3 = 0.3 \\ 16, 8, 4, 2, 1 \\ 407 + 704 = 1111 \\ 862 - 145 = 717 \\ 3^2 = 9 \end{array}$$

THE QUINTUS QUIZ

- FIND THE COST OF...

$$\begin{array}{l} 9 \text{ PENCILS } \$1.50 \\ 4 \text{ FELT TIPS } \$8 \\ 6 \text{ BIROS } \$3 \\ 9 \text{ PENCILS \& 1 RULER } \$2.25 \\ 4 \text{ FELT TIPS, 6 BIROS, \& 1 RULER } \$11.75 \end{array}$$



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 16 - 5 = 11 \\ 13 + 15 = 28 \\ 27 - 19 = 8 \\ 58 + 7 = 65 \\ 3 \times 35 = 105 \\ 4 \times 23 = 92 \\ 84 - 6 = 78 \\ 84 \div 3 = 28 \\ 36 \div 12 = 3 \\ 3 \times 90 = 270 \end{array}$$

TELLING TABLES

$$\begin{array}{l} 3 \times 2 = 6 \\ 3 \times 4 = 12 \\ 3 \times 7 = 21 \\ 3 \times 13 = 39 \\ 3 \times 10 = 30 \\ 3 \times 6 = 18 \\ 3 \times 9 = 27 \\ 3 \times 12 = 36 \\ 3 \times 3 = 9 \\ 3 \times 8 = 24 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{l} 4 + 8 = 15 - 3 \\ 12 \times 2 = 18 + 6 \\ 66 \div 6 = 20 - 9 \\ 100 \div 5 = 4 \times 5 \\ 36 + 2 = 19 \times 2 \\ 3 \times 5 = 30 \div 2 \\ 5 \times 15 = 75 \\ 23 - 5 = 18 \\ 3 \times 2 = 6 \\ 4 + 23 = 3 \times 9 \\ 36 - 6 = 3 \times 10 \\ 15 \div 5 = 3 \times 1 \\ 6 \times 8 = 48 \\ 2 \times 50 = 100 \\ 42 + 47 = 89 \\ 31 - 17 = 14 \end{array}$$

MORE MAGIC

2	9	4
7	5	3
6	1	8

TOTAL = 15

16	2	12
6	10	14
8	18	4

TOTAL = 30

15	8	13
10	12	14
11	16	9

TOTAL = 36

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!



NIFTY NUMBERS

$$\begin{array}{l} 4 + 13 = 17 \\ 20 + 90 = 110 \\ 35 - 7 = 28 \\ 87 - 22 = 65 \\ 105 - 10 = 95 \\ 3 \times 26 = 78 \\ 4 \div 1 = 4 \\ 258 \div 3 = 86 \\ 85 \div 10 = 8.5 \\ 400 \div 20 = 20 \end{array}$$

EASY EXPRESSIONS

$$\begin{array}{l} 5c + 4c = 9c \\ 2a + 6a = 8a \\ 9k + 4k + 2k = 15k \\ 4m + 2m = 6m \\ 9p - 5p = 4p \\ 4x + 2x - 6x = 0 \\ 3a + 4a = 7a \\ 6c - 2c = 4c \\ 9l - 3l = 6l \\ 20f + 5f = 25f \end{array}$$

MORE MAGIC

- FILL IN THE SQUARES SO ALL ROWS COLUMNS AND DIAGONALS ADD UP TO THE TOTAL!

4	11	6
9	7	5
8	3	10

TOTAL = 21

5	12	7
10	8	6
9	4	11

TOTAL = 24

12	14	4
2	10	18
16	6	8

TOTAL = 30

DAY AT THE FAIR



PERSON	HAD	BOUGHT	SPENT	HAD LEFT
RODNEY	\$5	2 HOT DOGS	\$3	\$2
EPI	\$2	1 DRINK & 1 DOUGHNUT	\$1.70	\$0.30
PIANNE	\$3.50	2 LOLLY POPS & 1 CAKE	\$1.45	\$2.05
MAXWELL	\$10	1 DRINK & 1 CAKE	\$1.15	\$8.85
CLAUDIA	\$20	3 OF EVERYTHING!!	\$12.45	\$7.55

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 16 + 18 = 34 \\ 19 - 11 = 8 \\ 12 \times 12 = 144 \\ 18 \div 6 = 3 \\ 17 + 17 = 34 \\ 15 - 9 = 6 \\ 11 \times 10 = 110 \\ 20 \div 4 = 5 \\ 18 + 15 = 33 \\ 19 + 19 = 38 \end{array}$$

DANDY DECIMALS

$$\begin{array}{l} 1.4 + 1.3 = 2.7 \\ 1.6 + 1.2 = 2.8 \\ 2.4 - 1.3 = 1.1 \\ 2.6 - 2.6 = 0 \\ 1 - 0.5 = 0.5 \\ 3 - 0.9 = 2.1 \\ 7 \times 0.4 = 2.8 \\ 6 \times 0.8 = 4.8 \\ 25\% \text{ AS A DECIMAL IS } 0.25 \\ 40\% \text{ AS A DECIMAL IS } 0.4 \end{array}$$

RADICAL ROMANS

$$\begin{array}{l} \text{VIII} = 8 \\ \text{XII} = 12 \\ \text{XIV} = 14 \\ \text{XVIII} = 18 \\ \text{XXII} = 22 \\ \text{VII} = 7 \\ \text{XI} = 11 \\ \text{XVI} = 16 \\ \text{XIX} = 19 \\ \text{XXIV} = 24 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{l} 624 + 300 = 924 \\ 500 + 500 = 1000 \\ 400 - 150 = 250 \\ 500 - 194 = 306 \\ 80 \times 5 = 400 \\ 76 \times 10 = 760 \\ 90 \div 9 = 10 \\ 1800 \div 10 = 180 \\ 222 + 555 = 777 \\ 734 - 437 = 297 \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT 8:10
IT TOOK 50 MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR 6 1/2 HOURS. SUPPER
WAS AT 9:30 TODAY. I WAS
OUT OF BED FOR 15 1/2 HOURS.

- WEDNESDAY -
OUT OF BED 6:30 a.m.
LEFT HOME 8:10
GOT TO SCHOOL 9:00
SCHOOL FINISHED 3:30
ARRIVED HOME 4:00
SUPPERTIME 9:30
INTO MY BED 10:00

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET 15

NIFTY NUMBERS

$$\begin{aligned} 11 + 14 &= 25 \\ 14 - 11 &= 3 \\ 12 \times 5 &= 60 \\ 16 \div 4 &= 4 \\ 13 + 16 &= 29 \\ 18 - 12 &= 6 \\ 11 \times 10 &= 110 \\ 15 \div 5 &= 3 \\ 19 + 18 &= 37 \\ 17 + 15 &= 32 \end{aligned}$$

MONEY MIXTURES

$$\begin{aligned} 15c + 15c &= 30c \\ 10c - 6c &= 4c \\ 3 \times 10c &= 30c \\ 7 \times 20c &= \$1.40 \\ 50c + 20c &= 70c \\ 50c - 20c &= 30c \\ \$4 + \$6 &= \$10 \\ \$9 - \$5 &= \$4 \\ \$20 \times 3 &= \$60 \\ \$80 \div 4 &= \$20 \end{aligned}$$

VISCOUS VARIABLES

$$\begin{aligned} a + a &= 2a \\ 2b + b &= 3b \\ c + 2c &= 3c \\ 3d + 3d &= 6d \\ 3c + 2c &= 5c \\ f - f &= 0 \\ 3g - g &= 2g \\ 5h - 2h &= 3h \\ 5i - 4i &= i \\ 2j + 2j + 2j &= 6j \end{aligned}$$

EXTRA EXAMPLES

$$\begin{aligned} 123 + 100 &= 223 \\ 300 + 200 &= 500 \\ 100 - 75 &= 25 \\ 200 - 50 &= 150 \\ 40 \times 6 &= 240 \\ 70 \times 8 &= 560 \\ 40 \div 5 &= 8 \\ 80 \div 4 &= 20 \\ 333 + 333 &= 666 \\ 625 - 125 &= 500 \end{aligned}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN JULY 31
- WHAT DAY IS JUNE 3rd Monday
- WHAT DATE IS THE FOURTH TUESDAY OF JULY 23rd
- WHAT DATE IS THE SECOND FRIDAY OF JUNE 14th
- HOW MANY MONDAYS IN JULY 5

JUNE						
M	T	W	T	F	S	S
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY						
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 13 + 12 &= 25 \\ 13 - 12 &= 1 \\ 11 \times 5 &= 55 \\ 12 \div 4 &= 3 \\ 14 + 10 &= 24 \\ 14 - 10 &= 4 \\ 12 \times 7 &= 84 \\ 16 \div 8 &= 2 \\ 15 + 19 &= 34 \\ 17 + 11 &= 28 \end{aligned}$$

TRENDY TABLES

$$\begin{aligned} 6 \times 2 &= 12 \\ 6 \times 3 &= 18 \\ 6 \times 4 &= 24 \\ 6 \times 6 &= 36 \\ 6 \times 7 &= 42 \\ 6 \times 8 &= 48 \\ 6 \times 10 &= 60 \\ 6 \times 11 &= 66 \\ 6 \times 12 &= 72 \\ 6 \times 13 &= 78 \end{aligned}$$

SOFT SUBSTITUTES

$$\begin{aligned} a = 10, a + 4 &= 14 \\ b = 12, b + 11 &= 23 \\ c = 11, c - 2 &= 9 \\ d = 13, d - 4 &= 9 \\ e = 15, e + 11 &= 26 \\ f = 14, f - 5 &= 9 \\ g = 8, g + 12 &= 20 \\ h = 16, h - 3 &= 13 \\ i = 11, i + 3 &= 14 \\ j = 20, j - 10 &= 10 \end{aligned}$$

EXTRA EXAMPLES

$$\begin{aligned} 12 \text{ ADDED TO } 21 &= 33 \\ 9 \text{ TIMES } 30 &= 270 \\ \$10.35 + \$12.45 &= \$22.80 \\ \$11.60 + \$17.90 &= \$29.50 \\ 975 - 900 + 70 &= 5 \\ 800 + 60 + 6 &= 866 \\ 333 + 444 &= 777 \\ 555 + 222 &= 777 \\ 450 - 170 &= 280 \\ 369 - 265 &= 104 \end{aligned}$$

THE QUINTUS QUIZ

- FIND THE COST FOR...

- 1 PARENT AND 1 CHILD \$2.50
- 1 PARENT AND 4 CHILDREN \$4
- 2 PARENTS AND 1 CHILD \$4.50
- 2 PARENTS AND 4 CHILDREN \$6
- 3 PARENTS AND 3 CHILDREN \$7.50



NUMBER OF MISTAKES _____

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 17 + 14 &= 31 \\ 18 - 11 &= 7 \\ 15 \times 6 &= 90 \\ 16 \div 4 &= 4 \\ 18 + 13 &= 31 \\ 13 - 12 &= 1 \\ 12 \times 11 &= 132 \\ 15 \div 5 &= 3 \\ 19 + 16 &= 35 \\ 13 + 17 &= 30 \end{aligned}$$

FANTASTIC FRACTIONS

$$\begin{aligned} \frac{1}{2} \text{ OF } 6 &= 3 \\ \frac{1}{2} \text{ OF } 10 &= 5 \\ \frac{1}{2} \text{ OF } 12 &= 6 \\ \frac{1}{2} \text{ OF } 18 &= 9 \\ \frac{1}{4} \times \frac{1}{2} &= \frac{1}{8} \\ \frac{1}{4} \times \frac{1}{4} &= \frac{1}{16} \\ \frac{1}{4} + \frac{1}{4} &= \frac{1}{2} \\ \frac{1}{4} + \frac{1}{4} + \frac{1}{4} &= \frac{3}{4} \\ \frac{1}{4} - \frac{1}{4} &= 0 \\ \frac{1}{4} - \frac{1}{8} &= \frac{1}{8} \end{aligned}$$

MIGHTY METRICS

$$\begin{aligned} 70 \text{ sec} + 50 \text{ sec} &= 120 \text{ s (2 min)} \\ 38 \text{ sec} + 26 \text{ sec} &= 64 \text{ s (1 min 4 s)} \\ 69 \text{ m} - 49 \text{ m} &= 20 \text{ m} \\ 43 \text{ km} - 27 \text{ km} &= 16 \text{ km} \\ 1000 \text{ g} &= 1 \text{ kg} \\ 5000 \text{ g} &= 5 \text{ kg} \\ 2000 \text{ mg} &= 2 \text{ g} \\ 2500 \text{ mg} &= 2.5 \text{ g} \\ 300 \text{ cm} &= 3 \text{ m} \\ 350 \text{ cm} &= 3.5 \text{ m} \end{aligned}$$

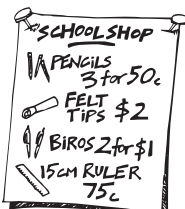
EXTRA EXAMPLES

$$\begin{aligned} 30 \text{ DAYS} &= 1 \text{ MONTH} \\ 60 \text{ MINUTES} &= 1 \text{ HOUR} \\ 1.4 + 1.3 &= 2.7 \\ 2.7 - 1.5 &= 1.2 \\ 0.4 \times 6 &= 2.4 \\ 1.2 \div 4 &= 0.3 \\ 6, 12, 24, 48, 96 \\ 975 + 579 &= 1554 \\ 420 - 24 &= 396 \\ 5^2 &= 25 \end{aligned}$$

THE QUINTUS QUIZ

- FIND THE COST OF...

- 10 FELT TIPS \$20
- 12 PENCILS \$2
- 10 RULERS \$7.50
- 20 BIROS \$10
- 12 PENCILS & 12 RULERS \$11



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 15 + 15 &= 30 \\ 14 + 14 &= 28 \\ 20 - 3 &= 17 \\ 3 \times 36 &= 108 \\ 65 + 9 &= 74 \\ 57 - 9 &= 48 \\ 107 - 11 &= 96 \\ 3 \times 80 &= 240 \\ 200 \div 4 &= 50 \\ 27 \div 9 &= 3 \end{aligned}$$

TELLING TABLES

$$\begin{aligned} 5 \times 6 &= 30 \\ 5 \times 3 &= 15 \\ 5 \times 7 &= 35 \\ 5 \times 10 &= 50 \\ 5 \times 12 &= 60 \\ 5 \times 8 &= 40 \\ 5 \times 4 &= 20 \\ 5 \times 11 &= 55 \\ 5 \times 9 &= 45 \\ 5 \times 5 &= 25 \end{aligned}$$

POSSIBLE PATTERNS

$$\begin{aligned} 999 \times 2 &= 1998 \\ 999 \times 3 &= 2997 \\ 999 \times 4 &= 3996 \\ 999 \times 5 &= 4995 \\ 999 \times 6 &= 5994 \\ 999 \times 7 &= 6993 \\ 999 \times 8 &= 7992 \\ 999 \times 9 &= 8991 \end{aligned}$$

$$\begin{aligned} 55 \times 5 &= 275 \\ 555 \times 5 &= 2775 \\ 5555 \times 5 &= 27775 \\ 55555 \times 5 &= 277775 \\ 1 \times 1 &= 1 \\ 11 \times 11 &= 121 \\ 111 \times 111 &= 12321 \\ 1111 \times 1111 &= 1234321 \end{aligned}$$

SNACK TIME!

WHAT IS THE COST OF:

- 1 HAMBURGER, \$1.50 CHIPS, SMALL COKE \$5.50
- \$2 CHIPS, SALAD, LARGE COKE \$6.40
- 2 CHEESEBURGERS, MEDIUM COKE, \$1.50 CHIPS \$7.40
- 4 SALADS, \$5 CHIPS, 3 SMALL COKES \$17.10



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 38-12 = 26 \\ 15+19 = 34 \\ 27-15 = 12 \\ 4 \times 33 = 132 \\ 74+8 = 82 \\ 8 \times 40 = 320 \\ 360 \div 6 = 60 \\ 480 \div 4 = 120 \\ 97+13 = 110 \end{array} \quad \begin{array}{l} 58-27 = 31 \\ 63+42 = 105 \\ 18-15 = 3 \\ 35 \div 7 = 5 \\ 45 \div 9 = 5 \\ 18 \times 3 = 54 \\ 72 \div 70 = 142 \\ 49 \div 7 = 7 \\ 108-15 = 93 \end{array}$$

TRENDY TABLES

$$\begin{array}{l} 7 \times 8 = 56 \\ 7 \times 5 = 35 \\ 7 \times 9 = 63 \\ 7 \times 12 = 84 \\ 7 \times 11 = 77 \\ 7 \times 3 = 21 \\ 7 \times 6 = 42 \\ 7 \times 10 = 70 \\ 7 \times 8 = 56 \\ 7 \times 4 = 28 \end{array}$$

POSSIBLE PATTERNS

$$\begin{array}{l} 1 \times 9 + 2 = 11 \\ 12 \times 9 + 3 = 111 \\ 123 \times 9 + 4 = 1111 \\ 1234 \times 9 + 5 = 11111 \\ 12345 \times 9 + 6 = 111111 \end{array} \quad \begin{array}{l} 37 \times 3 = 111 \\ 37 \times 6 = 222 \\ 37 \times 9 = 333 \\ 37 \times 12 = 444 \\ 37 \times 15 = 555 \end{array}$$

MAIL MIXTURES



WHAT COMBINATION OF 40c AND 50c STAMPS DO YOU NEED TO POST LETTERS WITH THESE AMOUNTS?

$$\text{\$1.40 } 2 \times 50c \text{ } 1 \times 40c$$

$$\text{\$1.30 } 2 \times 40c \text{ } 1 \times 50c$$

$$\text{\$1.70 } 3 \times 40c \text{ } 1 \times 50c$$

$$\text{\$3.30 } 5 \times 50c \text{ } 2 \times 40c$$

$$\text{\$5.20 } 8 \times 50c \text{ } 3 \times 40c$$



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 23 + 22 = 45 \\ 24 - 18 = 6 \\ 21 \times 6 = 126 \\ 25 \div 5 = 5 \\ 24 + 21 = 45 \\ 26 - 23 = 3 \\ 20 \times 9 = 180 \\ 21 \div 7 = 3 \\ 26 - 15 = 11 \\ 36 - 27 = 9 \end{array}$$

DANDY DECIMALS

$$\begin{array}{l} 1.5 + 1.4 = 2.9 \\ 1.7 + 1.1 = 2.8 \\ 2.8 - 1.5 = 1.3 \\ 3.9 - 3.1 = 0.8 \\ 2 - 0.6 = 1.4 \\ 4 - 0.7 = 3.3 \\ 10 \times 2.5 = 25 \\ 10 \times 0.03 = 0.3 \\ 20\% \text{ AS A DECIMAL IS } 0.20 \\ 37\% \text{ AS A DECIMAL IS } 0.37 \end{array}$$

RADICAL ROMANS

$$\begin{array}{l} X = 10 \\ XX = 20 \\ L = 50 \\ LXX = 70 \\ C = 100 \\ XXX = 30 \\ LX = 60 \\ LXXX = 80 \\ CI = 101 \\ CX = 110 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{l} 589 + 300 = 889 \\ 600 + 600 = 1200 \\ 500 - 170 = 330 \\ 600 - 128 = 472 \\ 90 \times 5 = 450 \\ 52 \times 10 = 520 \\ 100 \div 10 = 10 \\ 2341 \div 100 = 23.41 \\ 666 + 777 = 1443 \\ 985 - 589 = 396 \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT 8:15
IT TOOK 30 MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR $6\frac{1}{2}$ HOURS. SUPPER
WAS AT 9:40 TODAY. I WAS
OUT OF BED FOR 15 HOURS.

- THURSDAY -
OUT OF BED 7:30 a.m.
LEFT HOME 8:15
GET TO SCHOOL 8:45
SCHOOL FINISHED 3:25
ARRIVED HOME 5:00
SUPPERTIME 9:40
INTO MY BED 10:30

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 25 + 16 = 41 \\ 25 - 16 = 9 \\ 20 \times 7 = 140 \\ 36 \div 9 = 4 \\ 27 + 28 = 55 \\ 30 - 14 = 16 \\ 24 \times 5 = 120 \\ 27 \div 3 = 9 \\ 28 + 12 = 40 \\ 33 - 26 = 7 \end{array}$$

MONEY MIXTURES

$$\begin{array}{l} 20c + 10c = 30 \\ 40c + 20c = 60 \\ 25c - 15c = 10 \\ 50c - 50c = 0 \\ 6 \times 50c = \$3 \\ 8 \times 40c = \$3.20 \\ \$7 + \$9 = \$16 \\ \$9 - \$7 = \$2 \\ \$50 \times 3 = \$150 \\ \$30 \div 6 = \$5 \end{array}$$

VISCOUS VARIABLES

$$\begin{array}{l} k + k = 2k \\ 2l - l = l \\ m + 3m = 4m \\ 2n + 4n = 6n \\ 5p + 3p = 8p \\ q - q = 0 \\ 3r + 2r = 5r \\ 3s - 2s = s \\ 5t + 4t = 9t \\ 5t - 4t = t \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 145 + 200 = 345 \\ 400 + 300 = 700 \\ 200 - 130 = 70 \\ 100 - 48 = 52 \\ 90 \times 5 = 450 \\ 80 \times 6 = 480 \\ 20 \div 10 = 2 \\ 60 \div 12 = 5 \\ 444 + 444 = 888 \\ 841 - 241 = 600 \end{array}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN AUGUST? 31
- WHAT DAY IS SEPTEMBER 15th? SUN
- WHAT DATE IS THE THIRD SUNDAY OF AUGUST? 18th
- WHAT DATE IS THE FIRST MONDAY OF SEPTEMBER? 2nd
- HOW MANY WEDNESDAYS IN AUGUST? 4

AUGUST						
M	T	W	T	F	S	S
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER						
M	T	W	T	F	S	S
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 21 + 13 = 34 \\ 21 - 13 = 8 \\ 20 \times 5 = 100 \\ 28 \div 4 = 7 \\ 24 + 27 = 51 \\ 22 - 15 = 7 \\ 24 \times 3 = 72 \\ 24 \div 3 = 8 \\ 23 - 21 = 2 \\ 34 - 25 = 9 \end{array}$$

TRENDY TABLES

$$\begin{array}{l} 8 \times 2 = 16 \\ 8 \times 3 = 24 \\ 8 \times 4 = 32 \\ 8 \times 5 = 40 \\ 8 \times 7 = 56 \\ 8 \times 8 = 64 \\ 8 \times 9 = 72 \\ 8 \times 10 = 80 \\ 8 \times 12 = 96 \\ 8 \times 20 = 160 \end{array}$$

SOFT SUBSTITUTES

$$\begin{array}{l} k = 13, k + 5 = 18 \\ l = 18, l + 12 = 30 \\ m = 19, m - 10 = 9 \\ n = 17, n - 3 = 14 \\ p = 11, 4 + p = 15 \\ r = 16, 20 - r = 4 \\ s = 12, 10s = 120 \\ t = 15, 4t = 60 \\ u = 10, 9u = 90 \\ v = 20, 11v = 220 \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 35 \text{ ADDED TO } 47 \text{ IS } 82 \\ 25 \text{ TIMES } 20 \text{ IS } 500 \\ \$15.26 + \$11.35 = \$26.61 \\ \$18.75 + \$16.50 = \$35.25 \\ 919 = 900 + 10 + 9 \\ 700 + 30 + 8 = 738 \\ 666 + 440 = 1106 \\ 1111 + 2222 = 3333 \\ 540 - 380 = 160 \\ 963 - 526 = 437 \end{array}$$

THE QUINTUS QUIZ

FIND THE COST FOR...

$$\begin{array}{l} 3 \text{ ADULTS ONLY } \$9 \\ 2 \text{ ADULTS \& } 1 \text{ CHILD } \$8 \\ 2 \text{ ADULTS \& } 3 \text{ CHILDREN } \$12 \\ 1 \text{ ADULT \& } 2 \text{ CHILDREN } \$7 \\ 4 \text{ ADULTS \& } 5 \text{ CHILDREN } \$22 \end{array}$$

- HEALTH EXPO -
ADULTS \\$3
CHILDREN \\$2

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 26 + 28 = 54 \\ 25 - 17 = 8 \\ 24 \times 10 = 240 \\ 27 \div 9 = 3 \\ 23 + 24 = 47 \\ 29 - 22 = 7 \\ 21 \times 12 = 252 \\ 22 \div 11 = 2 \\ 28 - 13 = 15 \\ 38 - 29 = 9 \end{array}$$



FANTASTIC FRACTIONS

$$\begin{array}{l} \frac{1}{3} \text{ OF } 3 = 1 \\ \frac{1}{3} \text{ OF } 9 = 3 \\ \frac{1}{3} \text{ OF } 21 = 7 \\ \frac{1}{4} \text{ OF } 4 = 1 \\ \frac{1}{4} \text{ OF } 12 = 3 \\ \frac{1}{5} \times \frac{5}{5} = \frac{25}{5} \\ \frac{1}{5} \times \frac{1}{5} = \frac{1}{25} \\ \frac{3}{4} \times \frac{4}{11} = \frac{12}{77} \\ \frac{3}{4} + \frac{1}{4} = 1 \\ \frac{3}{4} - \frac{1}{4} = \frac{2}{4} \end{array}$$

MIGHTY METRICS

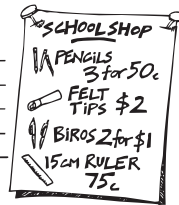
$$\begin{array}{l} 30g + 90g = 120g \\ 64g + 46g = 110g \\ 22L - 12L = 10L \\ 58L - 29L = 29L \\ 1200m = 1.2km \\ 1567m = 1.567km \\ 4000mg = 4g \\ 4200mg = 4.2g \\ 200cm = 2m \\ 234cm = 2.34m \end{array}$$

EXTRA EXAMPLES

$$\begin{array}{l} 365 \text{ DAYS IN 1 YEAR} \\ 24 \text{ HOURS} = 1 \text{ DAY} \\ 1.7 + 1.8 = 3.5 \\ 2.4 - 1.6 = 0.8 \\ 0.5 \times 3 = 1.5 \\ 1.5 \div 5 = 0.3 \\ 48, 24, 12, 6 \\ 1234 + 4321 = 5555 \\ 777 - 555 = 222 \\ 10^2 = 100 \end{array}$$

THE QUINTUS QUIZ

- FIND THE COST OF...
- 12 FELT TIPS \$24
 - 30 PENCILS \$5
 - 20 RULERS \$15
 - 10 BIROS \$5
 - 15 FELT TIPS x 10 BIROS \$35



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 11 + 19 = 30 \\ 20 - 15 = 5 \\ 3 \times 21 = 63 \\ 56 + 12 = 68 \\ 74 - 36 = 38 \\ 44 - 27 = 17 \\ 2 \times 140 = 280 \\ 150 \div 5 = 30 \\ 63 \div 3 = 21 \\ 109 + 5 = 114 \end{array}$$

TRENDY TABLES

$$\begin{array}{l} 15 - 8 = 7 \\ 30 + 12 = 42 \\ 28 \div 4 = 7 \\ 15 + 19 = 34 \\ 70 \div 5 = 14 \\ 2 \times 25 = 50 \\ 100 \div 20 = 5 \\ 100 - 80 = 20 \\ 60 + 34 = 94 \\ 150 \times 2 = 300 \end{array}$$

SILLY SEQUENCES

COMPLETE THE SEQUENCES AND WORK OUT THE TOTALS OF EACH ROW & COLUMN!

1	3	5	7	9	11	13	15	17	19	21	121
1	4	7	10	13	16	19	22	25	28	31	176
1	5	9	13	17	21	25	29	33	37	41	231
1	6	11	16	21	26	31	36	41	46	51	286
1	7	13	19	25	31	37	43	49	55	61	341
1	8	15	22	29	36	43	50	57	64	71	396
6	33	60	87	114	141	168	195	222	249	276	

TOTAL OF ROWS



TOTAL OF EACH COLUMN

- WHAT IS THE PATTERN IN THE LAST COLUMN? ADD TEN. ALL END IN 1
- WHAT IS THE PATTERN IN EACH ROW TOTAL? ADD 55
- WHAT IS THE PATTERN IN EACH COLUMN TOTAL? ADD 27

RELATIVE RELATIONS

IF = 20, FIND THE VALUE OF EACH OF THESE

5

10

30

WHIZZ-KIDS WORKSHEET! 25

NIFTY NUMBERS

$$\begin{array}{l} 5 + 27 = 32 \\ 20 - 12 = 8 \\ 68 + 9 = 77 \\ 92 - 11 = 81 \\ 7 \times 45 = 315 \\ 18 \times 6 = 108 \\ 300 \div 60 = 5 \\ 200 \div 200 = 1 \\ 3 \times 24 = 72 \\ 108 - 92 = 16 \end{array}$$

EASY EQUATIONS

$$\begin{array}{l} 15 - 7 = 8 \\ 40 \div 8 = 5 \\ 81 \div 9 = 9 \\ 49 \div 7 = 7 \\ 36 \div 6 = 6 \\ 45 + 45 = 90 \\ 90 \div 2 = 45 \\ 100 \div 4 = 25 \\ 3 \times 36 = 108 \\ 105 \times 5 = 525 \end{array}$$

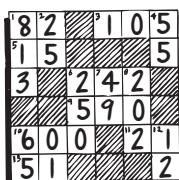
VISCOUS VARIABLES

$$\begin{array}{l} a + a + a + a + a = 5a \\ 4b + 2b + 3b = 9b \\ 4x + 2x + 2y + 4y = 6x + 6y \\ (2b + 3b) \times 4 = 20b \\ 4y \div 2y = 2 \\ 6x \cdot 2 = 12x \\ 4a + 2a + 3b = 6a + 3b \\ 5k - 5k = 0 \\ 8c + 2c + 50c = 60c \\ 9a \cdot 2 = 18a \end{array}$$

MONEY MIXTURES

$$\begin{array}{l} \text{COST OF 4 ICECREAMS AT 70c} \\ \text{EACH } \$2.80 \\ \frac{1}{2} \text{ OF } \$5 \$2.50 \\ \text{SPEND } \$3.70, \text{ CHANGE FROM } \$5 \\ \$1.30 \\ \frac{1}{2} \text{ kg OF RICE AT 90c/kg } 45c \\ \$800 + \$30 \$830 \\ 2 \text{ SAUSAGE ROLLS AT 45c EACH} \\ 90c \text{ CHANGE FROM } \$1 \text{ FOR} \\ 2 \text{ SAUSAGE ROLLS } 10c \end{array}$$

CROSS NUMBER



DOWN

$$\begin{array}{l} 1. 21626 \\ 2. 5 \times 5 \\ 3. 5 \times 11 \\ 4. 200 + 50 \\ 5. 7 \times 7 \\ 6. \text{ DOUBLE } 101 \end{array}$$

ACROSS

$$\begin{array}{l} 1. \frac{1}{2} \text{ OF } 164 \\ 2. 21 \times 5 \\ 3. 45 \div 3 \\ 4. \text{ DOUBLE } 121 \\ 5. 500 + 90 \\ 6. \text{ TRIPLE } 200 \end{array}$$

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{array}{l} 38 - 16 = 22 \\ 46 + 49 = 95 \\ 48 + 45 = 93 \\ 53 - 27 = 26 \\ 40 \times 11 = 440 \\ 32 \times 4 = 128 \\ 28 \times 7 = 196 \\ 45 \div 9 = 5 \\ 32 \div 8 = 4 \\ 64 - 26 = 38 \end{array}$$

DANDY DECIMALS

$$\begin{array}{l} 1.6 + 1.7 = 3.3 \\ 2.3 + 1.9 = 4.2 \\ 2.5 + 3.5 = 6 \\ 1.9 - 0.8 = 1.1 \\ 2.4 - 1.6 = 0.8 \\ 10 \times 5.61 = 56.1 \\ 100 \times 23.4 = 2340 \\ 43.2 \div 10 = 4.32 \\ 69\% \text{ AS A DECIMAL IS } 0.69 \\ 9\% \text{ AS A DECIMAL IS } 0.09 \end{array}$$

RADICAL ROMANS

$$\begin{array}{l} LII = 52 \\ LXXV = 75 \\ CXXV = 125 \\ CC = 200 \\ MM = 2000 \\ L = 50 \\ C = 100 \\ CCC = 300 \\ M = 1000 \\ MMM = 3000 \end{array}$$



EXTRA EXAMPLES

$$\begin{array}{l} 471 + 400 = 871 \\ 800 + 800 = 1600 \\ 600 - 321 = 279 \\ 700 - 490 = 210 \\ 110 \times 5 = 550 \\ 234 \times 10 = 2340 \\ 432 \div 100 = 4.32 \\ 800 \div 40 = 20 \\ 999 + 888 = 1887 \\ 999 - 888 = 111 \end{array}$$

THE QUINTUS QUIZ

I LEFT HOME AT 8:05
IT TOOK 35 MINUTES TO
GET TO SCHOOL. SCHOOL WENT
FOR 6.5 HOURS. SUPPER
WAS AT 9:25 TODAY. I WAS
OUT OF BED FOR 16.15 HOURS.

-FRIDAY-

OUT OF BED 7:15
LEFT HOME 8:05
GOT TO SCHOOL 8:40
SCHOOL FINISHED 3:10
ARRIVED HOME 4:00
SUPPERTIME 9:25
INTO MY BED 11:30

WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 17 - 15 &= 2 \\ 43 + 16 &= 59 \\ 19 + 17 &= 36 \\ 42 - 13 &= 29 \\ 13 \times 8 &= 104 \\ 7 \times 11 &= 77 \\ 12 \times 60 &= 720 \\ 32 \div 4 &= 8 \\ 84 \div 12 &= 7 \\ 37 + 24 &= 61 \end{aligned}$$

MONEY MIXTURES

$$\begin{aligned} 48c + 17c &= 65c \\ 48c - 17c &= 31c \\ 4 \times 30c &= \$1.20 \\ 25c + 60c + 24c &= \$1.09 \\ \$2 + \$3 + \$12 &= \$17 \\ \text{HOW MANY 10c COINS MAKE } \$9 &= 90 \\ \text{HOW MANY 20c COINS MAKE } \$4 &= 20 \\ 56c + 28c &= 84c \\ 56c - 28c &= 28c \\ \$1.32 + \$2.31 &= \$3.63 \end{aligned}$$

Viscious VARIABLES

$$\begin{aligned} a + a + a &= 3a \\ b + 2b &= 3b \\ 3c + 4c &= 7c \\ 5d + 7d &= 12d \\ 2e - e &= e \\ 14f - 4f &= 10f \\ 10g - 5g &= 5g \\ 6h + 2h &= 8h \\ 17i + 7i &= 24i \\ 6j - 6j &= 0 \end{aligned}$$

EXTRA EXAMPLES

$$\begin{aligned} 500 + 216 &= 716 \\ 180 - 94 &= 86 \\ 8 \times 60 &= 480 \\ 20 \times 100 &= 2000 \\ 800 \div 16 &= 50 \\ 203 + 302 &= 505 \\ 415 - 310 &= 105 \\ 210 \div 7 &= 30 \\ 324 + 177 &= 501 \\ 423 - 222 &= 201 \end{aligned}$$

THE QUINTUS QUIZ

- HOW MANY DAYS IN NOVEMBER? 30
- WHAT DAY IS OCTOBER 29th? TUES
- WHAT DATE IS THE FIRST FRIDAY OF OCTOBER? 4TH
- WHAT DATE IS THE FOURTH SUNDAY OF NOVEMBER? 24TH
- HOW MANY THURSDAYS IN OCTOBER? 5

OCTOBER						
M	T	W	T	F	S	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER						
M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



WHIZZ-KIDS WORKSHEET!

28

NIFTY NUMBERS

$$\begin{aligned} 25 - 21 &= 4 \\ 34 + 35 &= 69 \\ 91 + 12 &= 103 \\ 36 - 29 &= 7 \\ 15 \times 7 &= 105 \\ 8 \times 20 &= 160 \\ 10 \times 32 &= 320 \\ 44 \div 11 &= 4 \\ 64 \div 8 &= 8 \\ 100 \div 25 &= 4 \end{aligned}$$

TRENDY TABLES

$$\begin{aligned} 12 \times \frac{1}{2} &= 12 \\ 12 \times \frac{2}{2} &= 24 \\ 12 \times 3 &= 36 \\ 12 \times 4 &= 48 \\ 12 \times 5 &= 60 \\ 12 \times \frac{7}{2} &= 84 \\ 12 \times \frac{8}{2} &= 96 \\ 12 \times \frac{10}{2} &= 120 \\ 12 \times 0 &= 0 \\ 12 \times 11 &= 132 \end{aligned}$$

SOFT SUBSTITUTES

$$\begin{aligned} a &= 25, a + 8 = 33 \\ b &= 34, b + 11 = 45 \\ c &= 46, c + 23 = 69 \\ d &= 62, 7 + d = 69 \\ e &= 31, 14 + e = 45 \\ r &= 48, 17 + r = 65 \\ s &= 50, 29 + s = 79 \\ t &= 54, t - 30 = 24 \\ u &= 20, u - 14 = 6 \\ v &= 40, 3v = 120 \end{aligned}$$

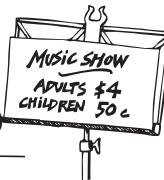
EXTRA EXAMPLES

$$\begin{aligned} 90 \text{ SUBTRACT } 48 \text{ IS } 42 \\ 84 \text{ DIVIDED BY } 6 \text{ IS } 14 \\ \$24 \cdot 20 \times 5 &= \$121 \\ \$36 \cdot 85 \times 20 &= \$737 \\ 1234 = 1000 + 200 + 30 + 4 \\ 2806 + 708 &= 3514 \\ 4091 = 4000 + 0 + 90 + 1 \\ 3456 + 6543 &= 9999 \\ 8765 - 5678 &= 3087 \\ 777 + 888 &= 1665 \end{aligned}$$

THE QUINTUS QUIZ

-FIND THE COST FOR...

- 1 ADULT & 1 CHILD \$4.50
- 2 ADULTS & 2 CHILDREN \$9
- 4 ADULTS & 1 CHILD \$16.50
- 1 ADULT & 3 CHILDREN \$5.50
- 3 ADULTS & 10 CHILDREN \$17



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 45 - 24 &= 21 \\ 37 + 38 &= 75 \\ 53 - 46 &= 7 \\ 62 + 52 &= 114 \\ 30 \times 12 &= 360 \\ 42 \times 5 &= 210 \\ 36 \div 9 &= 4 \\ 55 \div 11 &= 5 \\ 27 \times 6 &= 162 \\ 68 - 19 &= 49 \end{aligned}$$

FANTASTIC FRACTIONS

$$\begin{aligned} \frac{1}{3} \text{ OF } 6 &= 2 \\ \frac{1}{5} \text{ OF } 15 &= 3 \\ \frac{1}{7} \text{ OF } 8 &= \frac{8}{7} \\ \frac{1}{7} \text{ OF } 20 &= \frac{20}{7} \\ \frac{1}{7} \text{ OF } 40 &= \frac{40}{7} \\ \frac{1}{6} \times \frac{1}{6} &= \frac{1}{36} \\ \frac{1}{6} + \frac{1}{6} &= \frac{2}{6} = \frac{1}{3} \\ \frac{1}{6} - \frac{1}{6} &= 0 \\ \frac{1}{10} \times \frac{1}{10} &= \frac{1}{100} \\ \frac{1}{10} + \frac{1}{10} &= \frac{2}{10} = \frac{1}{5} \\ \frac{1}{13} - \frac{1}{13} &= 0 \end{aligned}$$

MIGHTY METRICS

$$\begin{aligned} 310m + 240m &= 550m \\ 146m - 58m &= 88m \\ 456g + 354g &= 810g \\ 231g - 85g &= 146g \\ 527l + 386l &= 913l \\ 394l - 159l &= 235l \\ 6500m &= 6.5 km \\ 6750m &= 6.75 km \\ 931cl &= 9.31 l \\ 960cl &= 9.6 l \end{aligned}$$

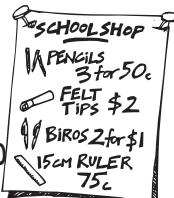
EXTRA EXAMPLES

$$\begin{aligned} 31 \text{ DAYS IN JULY} \\ 12 \text{ MONTHS} &= 1 \text{ YEAR} \\ 3.3 + 7.7 &= 11 \\ 3.6 - 2.8 &= 0.8 \\ 0.6 \times 5 &= 3 \\ 2.4 \div 6 &= 0.4 \\ 20, 19, 17, 14, 10 \\ 8080 + 808 &= 8888 \\ 456 - 265 &= 191 \\ 2^3 &= 8 \end{aligned}$$

THE QUINTUS QUIZ

FIND THE COST OF...

- 100 RULERS \$75
- 100 BIROS \$50
- 20 FELT TIPS & 30 PENCILS \$45
- 50 BIROS & 100 FELT TIPS \$225
- 50 RULERS & 300 PENCILS \$87.50



WHIZZ-KIDS WORKSHEET!

NIFTY NUMBERS

$$\begin{aligned} 19 - 6 &= 13 \\ 3 + 19 &= 22 \\ 20 - 14 &= 6 \\ 4 \times 13 &= 52 \\ 55 \div 5 &= 11 \\ 104 - 10 &= 94 \\ 3 \times 90 &= 270 \\ 210 \div 7 &= 30 \\ 28 \div 2 &= 14 \\ 18 + 27 &= 45 \\ 14 \times 5 &= 70 \\ 9 \times 9 &= 81 \\ 15 \times 8 &= 123 \\ 26 \div 2 &= 13 \\ 20 \times 5 &= 100 \\ 106 \div 8 &= 114 \\ 100 \div 10 &= 10 \\ 30 \times 5 &= 150 \\ 20 \times 2 &= 40 \\ 18 \div 15 &= 33 \end{aligned}$$

TELLING TABLES

$$\begin{aligned} 11 \times 3 &= 33 \\ 11 \times 7 &= 77 \\ 11 \times 9 &= 99 \\ 11 \times 11 &= 121 \\ 11 \times 5 &= 55 \\ 11 \times 8 &= 88 \\ 11 \times 10 &= 110 \\ 11 \times 12 &= 132 \\ 11 \times 4 &= 44 \\ 11 \times 6 &= 66 \end{aligned}$$

Viscous VARIABLES

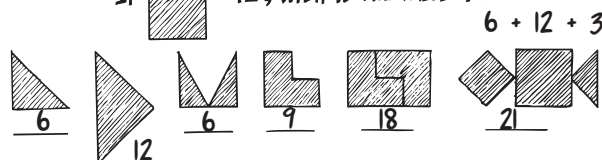
$$\begin{aligned} y + 2y + 5y &= 8y \\ 5c + 3c + 8c &= 16c \\ 9d - 8d &= d \\ 5p + 2p + 8p &= 15p \\ 10e + 5e - 3e &= 12e \\ 2f + 20f - 6f &= 16f \\ 2g \cdot 5 &= 10g \\ 3x \cdot 4x &= 12x \\ 3y \div 3y &= 1 \\ 8y \div 4 &= 2y \end{aligned}$$

MIGHTY METRICS

$$\begin{aligned} 20 \text{ MINUTES AFTER } 10:55 \text{ AM } 11:15 \text{ AM} \\ \text{WHAT IS HALF A CIRCLE CALLED} \\ \text{SEMI CIRCLE} \\ \text{DIAMETER} = 11cm, \text{ RADIUS} = 5.5 cm \\ 100 \text{ YEARS} = 10 \text{ DECADES} \\ \text{HOW MANY MINUTES BETWEEN } 2:35 \text{ PM AND } 3:20 \text{ PM } 45 \\ \text{MINUTES IN 4 HOURS } 240 \\ 10 \text{ LITRES OF PETROL AT } \$1.10 \\ \text{PER LITRE COSTS } \$11 \end{aligned}$$

RELATIVE RELATIONS

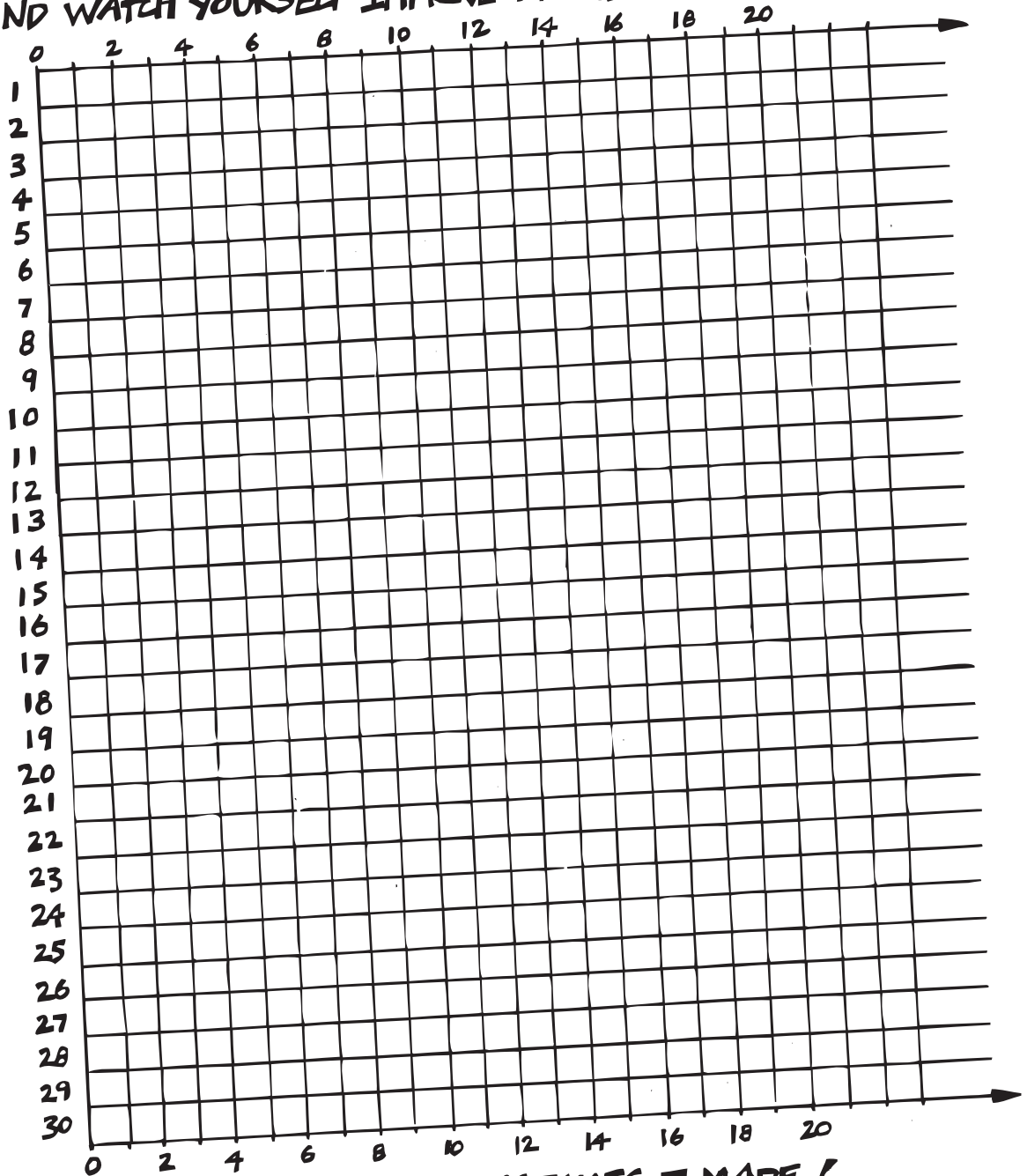
If = 12, WHAT IS THE VALUE OF...



THE WHIZZ-KIDS WORKSHEET



GRAPH THE NUMBER OF MISTAKES YOU MADE ON EACH W.K.W.S. AND WATCH YOURSELF IMPROVE THROUGH THE YEAR!



THE WHIZZ-KID WORKSHEET NUMBER

THE NUMBER OF MISTAKES I MADE!

- I HAVE:
- ☐ IMPROVED TO GENIUS LEVEL
 - ☐ MADE STEADY PROGRESS
 - ☐ GONE DOWN THE GURGLER... BLURRP...





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