

Kingsland CE Primary School

YEAR Five

May June 29th 2020

Arithmetic Challenge



Challenge One: quick fire multiplication check—fill in the grid and let us know what time you did it in!

[illegible][illegible]

Challenge Two: multiplying and dividing by 10s, 100, and 1,000s—work out the missing values

1.) $85 \times 10 =$ 850

2.) $2,300 \div 100 =$ 23

3.) $538 \times 1,000 =$ 538000

4.) $910 \div 10 =$ 91

1.) $8,000 \div 1,000 =$ 8

2.) $65 \div 10 =$ 6.5

3.) $86 \times 100 =$ 8600

4.) $7.5 \times 1,000 =$ 7500

Challenge Three: adding large numbers

addition											inverse check					
34,560 + 32,989																
6	7	5	4	9												

addition											inverse check					
78,439 + 45,569																
8	2	9	9	5												

Challenge Four: column multiplication

multiplication check
use jottings

[illegible]

multiplication check
use jottings

[illegible]

Challenge Five: dividing four digit numbers

division											multiplication check					
		9	0	1												
6		5	4	0	6											

division										multiplication check					
	1	0	0	9											
7	7	0	6	3											

division											multiplication check					
		9	2	1												
8		7	3	6	8											

Challenge Six: roman numerals

What is the value of each Roman numeral?

202

1.) CCII

553

2.) DLIII

Write each value in Roman numerals.

Xxxviii

1.) 38

DCCXXV

2.) 725

What is the value of each Roman numeral?

19

1.) XIX

641

2.) DCXLI

Write each value in Roman numerals.

CXCVII

1.) 197

M

2.) 1,000

Challenge Seven: adding and subtracting powers of ten

1.) $40 + 10 =$ 50

2.) $700 - 10^2 =$ 600

3.) $10^3 + 5,000 =$ 6000

4.) $350 - 10^2 =$ 250

1.) $416 + 10^2 =$ 516

2.) $2,193 - 10^3 =$ 1193

3.) $10^3 - 901 =$ 99

4.) $10 + 887 =$ 897