

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: inverse operations

$$236 + \square = 510$$

$$\square - 125 = 172$$

$$4 \times \square = 1,608$$

$$\square \div 3 = 359$$

$$\square - 424 = 183$$

$$\square \div 6 = 258$$

$$555 + \square = 927$$

$$5 \times \square = 645$$

Challenge Three: adding large numbers

[illegible][illegible]

Challenge Four: column multiplication

multiplication check
use jottings

[illegible]

multiplication check
use jottings

[illegible]

Challenge Five: dividing four digit numbers

[illegible][illegible]

division										multiplication check				
3	2	3	0	4										

Challenge Six: square and cubed numbers

Circle the **square** numbers in questions 1 & 2.

1.) 12 4 9 20

2.) 36 1 40 14

Circle the **cube** numbers in questions 3 & 4.

3.) 20 1 9 8

4.) 64 2 125 52

Give one example in each empty box below.

	1-digit number	2-digit number	3-digit number
Square number			
Cube number			

Challenge Seven: recognise percentage parts of 100

$$\frac{49}{100} = \square \%$$

$$\frac{1}{100} = \square \%$$

$$0.26 = \square \%$$

$$0.75 = \square \%$$

$$0.37 = \square \%$$

$$\frac{19}{100} = \square \%$$

$$0.51 = \square \%$$

$$\frac{8}{100} = \square \%$$