

Kingsland CE Primary School

YEAR Five

May June 22nd 2020

Arithmetic Challenge



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

[illegible]

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

180	÷	?	=			18		
?	×	1.9	=			190		
45	×	?	=			4500		
?	×	200	=			400		
7.5	×	?	=			750		
550	÷	?	=			55		
?	×	8.1	=			810		
10	÷	?	=			0.01		

Challenge Three: subtracting amounts of money with inverse check

[illegible][illegible]

Challenge Four: column multiplication

multiplication check
use jottings

4 0 5 3

3 x

--	--	--	--

multiplication check
use jottings

3 4 2 2

4 x

--	--	--	--

multiplication check
use jottings

6 0 1 2

5 x

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Challenge Five: dividing four digit numbers

division										multiplication check				
4	3	0	2	4										

[illegible]

division										multiplication check				
7	3	0	4	5										

Challenge Six: rounding numbers

Round:

- 1.) 3,740 to the nearest 1,000
- 2.) 5,213 to the nearest 10
- 3.) 671,549 to the nearest 100,000
- 4.) 24,399 to the nearest 10,000

Round:

- 1.) 11,031 to the nearest 100
- 2.) 935,000 to the nearest 10,000
- 3.) 215,216 to the nearest 1,000
- 4.) 3 to the nearest 10

Challenge Seven: Fraction, decimals and percentage equivalents

1.) Fraction = Decimal = Percentage

$$\frac{7}{10} = \square = \square$$

2.) \square = 0.1 = \square

3.) \square = \square = 40%

4.) \square = 0.25 = \square

1.) Fraction = Decimal = Percentage

$$\square = 0.2 = \square$$

2.) \square = \square = 50%

3.) $\frac{12}{100}$ = \square = \square

4.) \square = 0.86 = \square