

Kingsland CE Primary School

YEAR Five

May June 8th 2020

Arithmetic Challenge



Challenge One: quick fire multiplication check

11	×	4	=				44				
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7	×	9	=				63				
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72	÷	9	=				8				
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5	×	0	=				0				
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144	÷	12	=				12				
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11	×	11	=				121				
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4	×	8	=				32				
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Challenge Two: multiplying and dividing by 10s, 100, and 1,000s

13	×	10	=			130		
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10	×	101	=			1010		
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14	÷	10	=			1.4		
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160	÷	10	=			16		
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3.0	×	10	=			3		
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205	×	100	=			20,500		
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13.2	×	10	=			132		
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0.7	×	100	=			70		
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Challenge Three: adding amounts of money using a subtraction check (inverse method)

Addition											subtraction check					
£1634.23 + £97.09																
£	1	7	3	1	.	3	2									

Addition											subtraction check					
£345.98 + £129.07																
£	4	7	5	.	0	5										

Challenge Four: column multiplication

multiplication check
use jottings

[illegible]

multiplication check
use jottings

[illegible]

multiplication check
use jottings

[illegible]

Challenge Five: dividing three digit numbers with no remainder

division											multiplication check					
		7	0	1												
3		2	1	0	3											

division										multiplication check				
		9	2	2										
6	5	5	3	2										

division										multiplication check					
		8	2	4											
4		3	2	9	6										

Challenge Six: finding fractions of amounts

1	of	750	=			150	
5							
2	of	660	=			440	
3							
2	of	1200	=			240	
10							
1	of	7200	=			800	
9							
2	of	2400	=			400	
12							

Challenge Seven: multiplying fractions

1	×	3	=		3				
4		5			20				
3	×	1	=		3	=	1		
7		3			21		7		
5	×	1	=		5	=	1		
6		5			30		6		
3	×	1	=		3	=	1		
10		6			60		20		
2	×	2	=		4	=	1		
4		4			16		4		
2	×	5	=		10	=	5		
7		6			42		21		