

Calculations

Year 6

Addition

A7e: Column Addition

M HTh TTh Th H T U

$$\begin{array}{r} 787567 \\ + 446278 \\ \hline 1233845 \\ \hline \end{array}$$

1 1 1 1 1



Knavesmire Primary School

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A7g: Column Addition

$$\begin{array}{r} \text{U} \quad \frac{1}{10} \quad \frac{1}{100} \\ 5.65 \\ + 3.29 \\ \hline 8.94 \\ \hline 1 \end{array}$$



A7i: Column Addition

With Money

$$\begin{array}{r} \text{£}38.25 \\ + \text{£}27.46 \\ \hline \text{£}65.71 \\ \hline \end{array}$$

1 1



Subtraction

S11e: Column Subtraction

	M	H	T	H	T	U
		³	¹	⁷	¹²	¹
	7	4	2	8	3	1
-	4	2	7	3	5	8
<hr/>						
	3	1	5	4	7	3
<hr/>						



S11g: Column Subtraction

$$\begin{array}{r} \text{T} \quad \text{U} \quad \text{.} \quad \frac{1}{10} \quad \frac{1}{100} \\ 6 \quad 11 \quad 13 \quad 1 \\ \cancel{7}2.\cancel{4}3 \\ - 47.85 \\ \hline 24.58 \end{array}$$



Multiplication

M7: Column Multiplication

	H	T	U
	1	4	7
x			4
<hr/>			
	5	8	8
<hr/>			
	1	2	



M9b: Long Multiplication

Column

	Th	H	T	U				
		2	0	3				
x			6	8				
			<hr/>					
		1	6	2	4	(8 x 203)		
		1						
+	1	2	1	8	0	(60 x 203)		
		1						
			1					
			<hr/>					
			1	3	8	0	4	
							1	
			<hr/>					



Division

D10i: Short Division

$$87.5 \div 7 = 12.5$$

$$\begin{array}{r} 12.5 \\ 7 \overline{) 87.5} \\ \underline{7} \\ 17 \\ \underline{14} \\ 35 \\ \underline{35} \\ 0 \end{array}$$



D10e: Short Division

$$5978 \div 7 = 854$$

$$\begin{array}{r} 854 \\ 7 \overline{) 5978} \end{array}$$

5 3 2



D13: Long Division

$$\begin{array}{r} 26 \text{ r}21 \\ 37 \overline{) 983} \\ \underline{- 74} \\ 243 \\ \underline{- 222} \\ 21 \end{array}$$

$$983 \div 37 = 26 \text{ r}21$$



