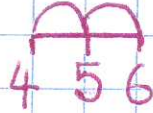
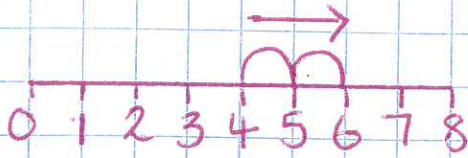
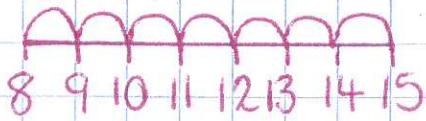


Addition

$$4 + 2 = 6$$



$$8 + 7 = 15$$



$$41 + 8 = 49$$

$$\begin{array}{r}
 40 + 1 \\
 + \quad \quad 8 \\
 \hline
 40 + 9 = 49
 \end{array}
 \qquad
 \begin{array}{r}
 41 \\
 + \quad 8 \\
 \hline
 49
 \end{array}$$

$$211 + 138 = 349$$

$$\begin{array}{r}
 200 + 10 + 1 \\
 + 100 + 30 + 8 \\
 \hline
 300 + 40 + 9
 \end{array}
 \qquad
 \begin{array}{r}
 211 \\
 + 138 \\
 \hline
 349
 \end{array}$$

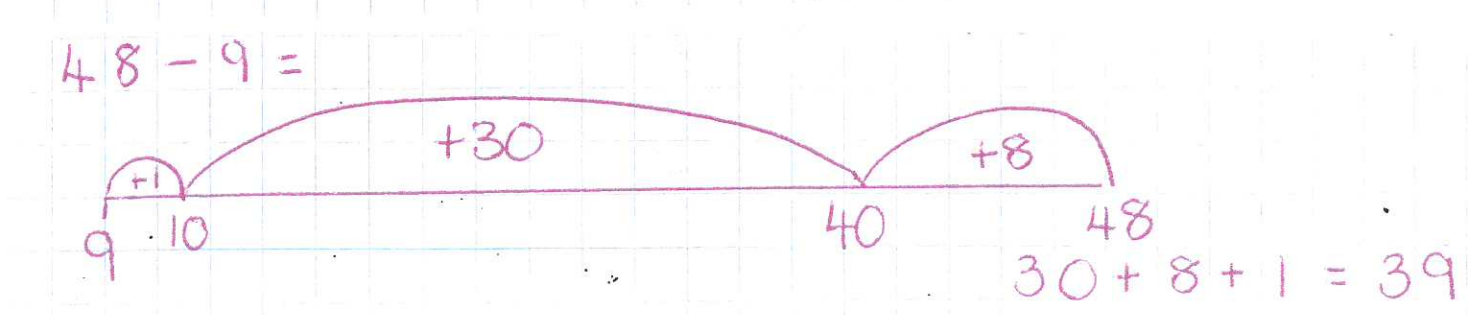
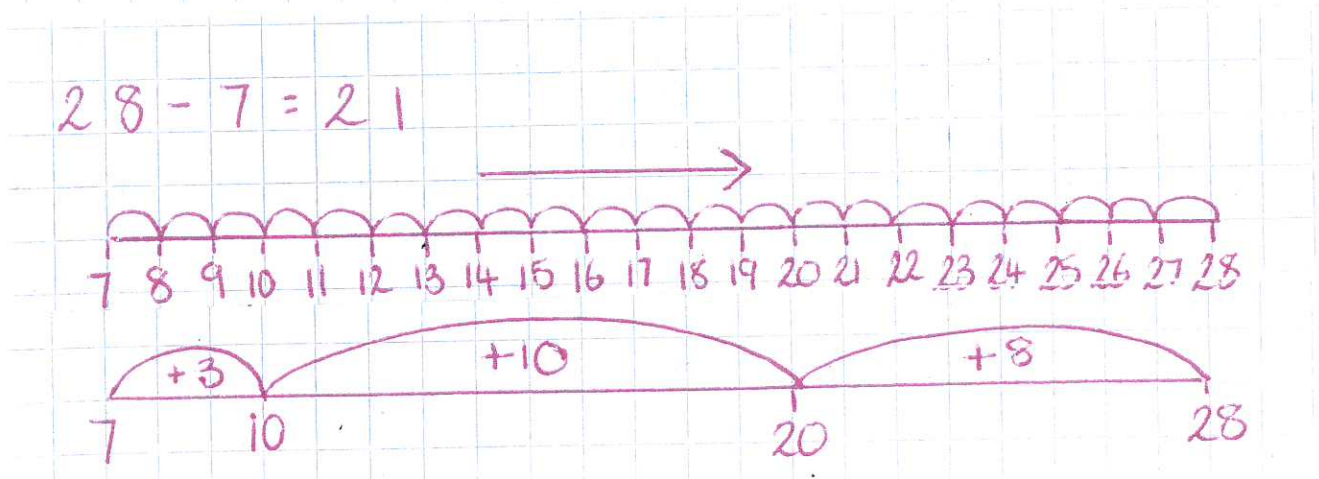
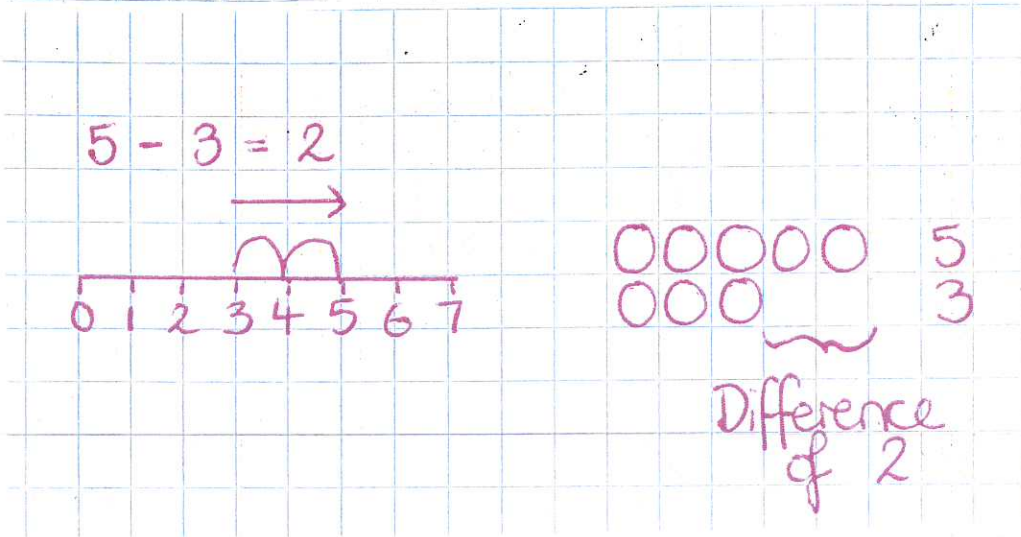
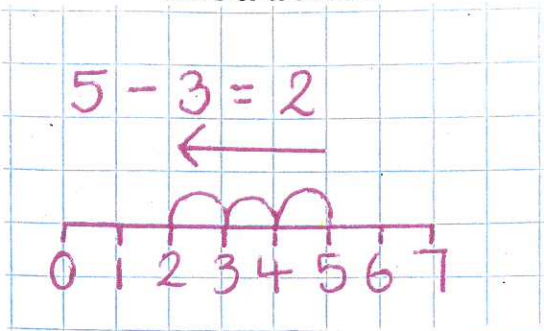
$$294 + 138 = 432$$

$$\begin{array}{r}
 200 + 90 + 4 \\
 + 100 + 30 + 8 \\
 \hline
 300 + 120 + 12
 \end{array}
 \qquad
 \begin{array}{r}
 294 \\
 + 138 \\
 \hline
 432 \\
 1 1
 \end{array}$$

Please note these methods should be used alongside the White Rose guidance for concrete, pictorial and abstract approaches.

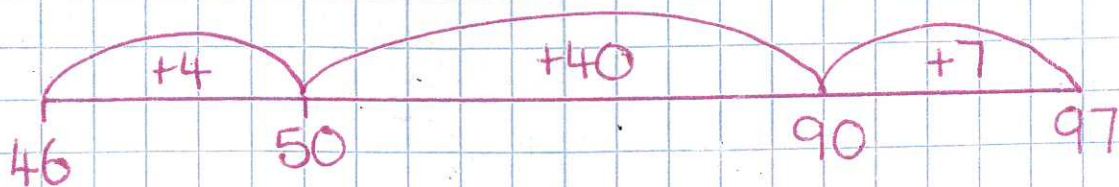
The written methods should be used alongside each other to show the children progression and make links (side by side).

Subtraction



Please note these methods should be used alongside the White Rose guidance for concrete, pictorial and abstract approaches. The written methods should be used alongside each other to show the children progression and make links (side by side).

$$97 - 46 = 51$$



$$40 + 7 + 4 = 51$$

$$796 - 432 = 364$$

$$\begin{array}{r} 700 + 90 + 6 \\ - 400 + 30 + 2 \\ \hline 300 + 60 + 4 \end{array} = 364$$

$$\begin{array}{r} 796 \\ - 432 \\ \hline 364 \end{array}$$

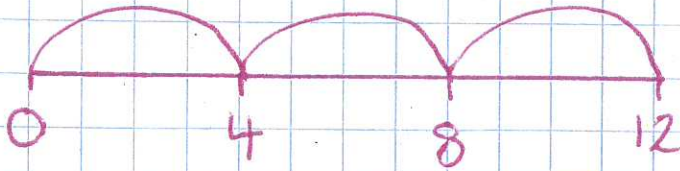
$$753 - 438 = 315$$

$$\begin{array}{r} 700 + \overset{40}{\cancel{50}} + 13 \\ - 400 + 30 + 8 \\ \hline 300 + 10 + 5 \end{array} = 315$$

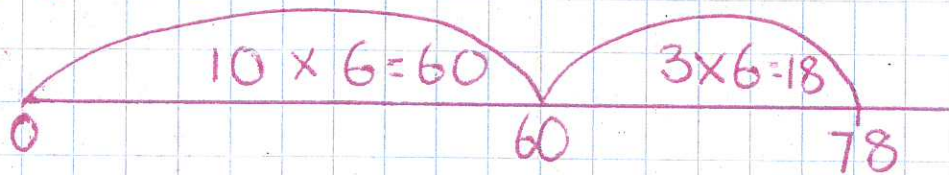
$$\begin{array}{r} \overset{4}{\cancel{7}}53 \\ - 438 \\ \hline 315 \end{array}$$

Multiplication

$$3 \times 4 = 12$$



$$13 \times 6 = 78$$



x	10	3	
6	60	18	= 78

	13	
x	6	
	18	(6 x 3)
	60	(6 x 10)
	78	

	13
x	6
	78



Cross out once used.

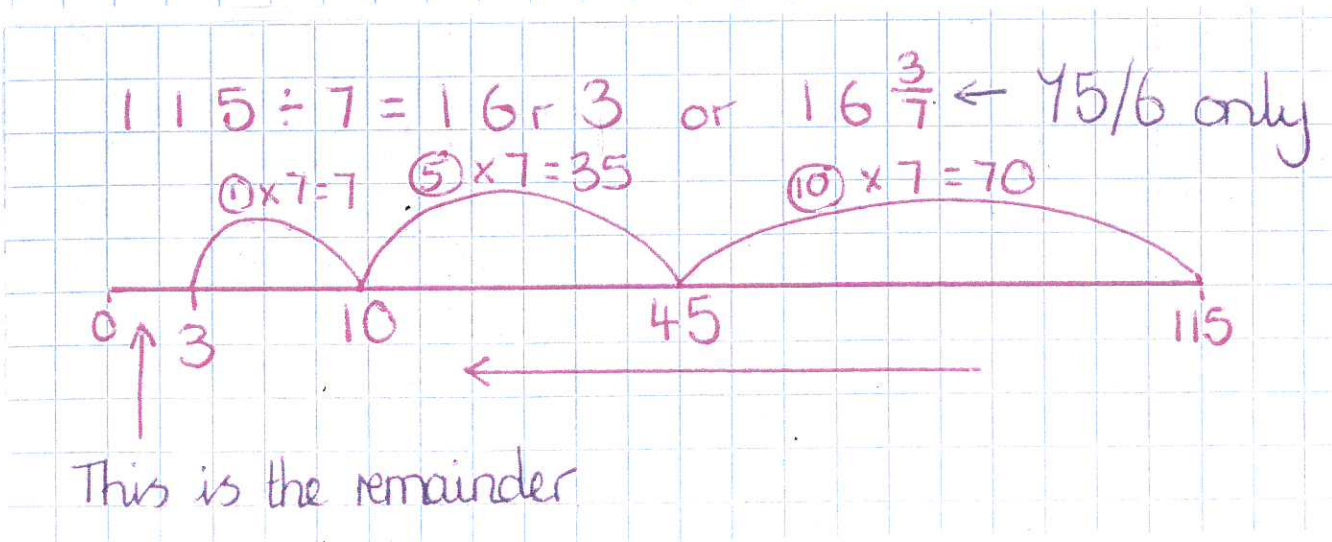
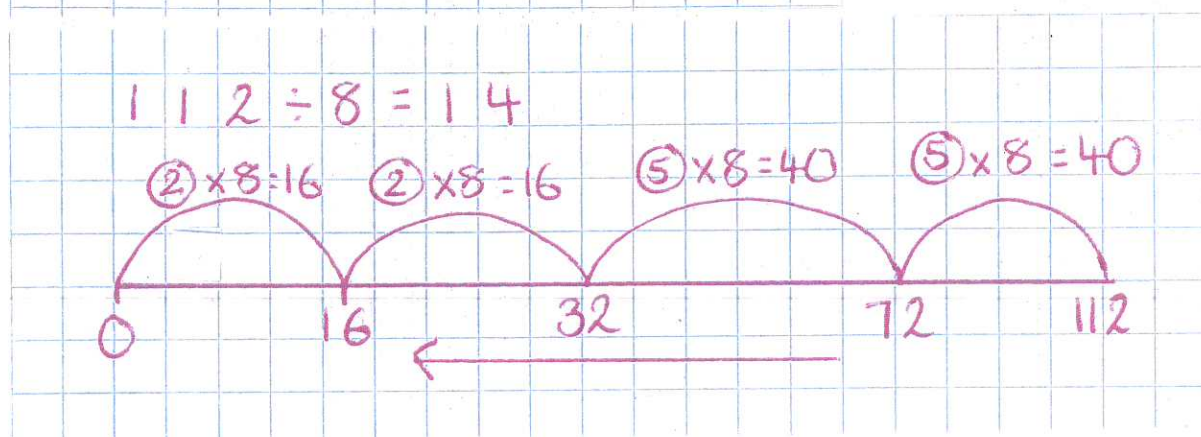
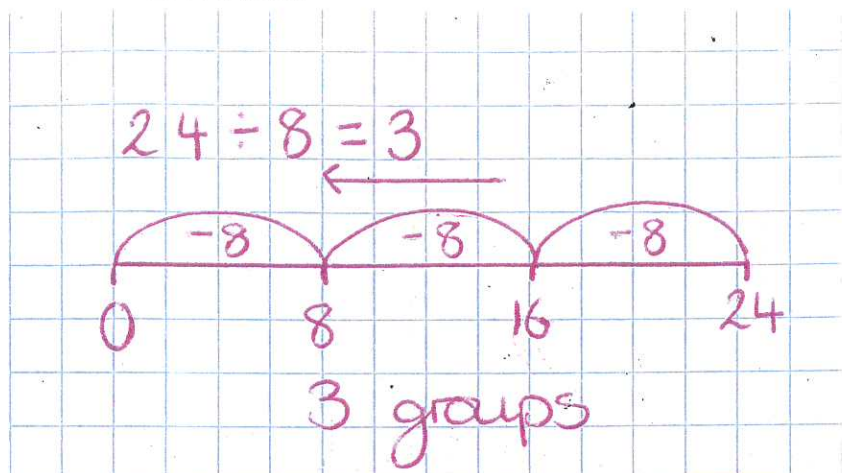
Please note these methods should be used alongside the White Rose guidance for concrete, pictorial and abstract approaches.

The written methods should be used alongside each other to show the children progression and make links (side by side).

$$398 \times 27 = 10746$$

$$\begin{array}{r} 398 \\ \times 27 \\ \hline 2786 \\ + 7960 \\ \hline 10746 \\ \begin{array}{l} \times \times \\ \times \times \end{array} \end{array}$$

Division



Please note these methods should be used alongside the White Rose guidance for concrete, pictorial and abstract approaches.

The written methods should be used alongside each other to show the children progression and make links (side by side).

$$856 \div 8 = 107$$

$$\begin{array}{r} 107 \\ 8 \overline{)856} \end{array}$$

Known facts

8
16
24
32
40
48
56

$$2587 \div 15 = 172 \text{ r } 7 \text{ or } 172 \frac{7}{15} \leftarrow \begin{array}{l} \text{Year} \\ 5/6 \\ \text{only} \end{array}$$

$$\begin{array}{r} 17 \\ 15 \overline{)2587} \\ - 15 \downarrow \\ \hline 108 \downarrow \\ 105 \downarrow \\ \hline 37 \\ 30 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 15 \\ \hline 15 \\ 30 \\ 45 \\ 60 \\ 75 \\ 90 \\ 105 \\ 120 \\ 135 \\ 150 \\ 165 \\ 180 \end{array}$$