

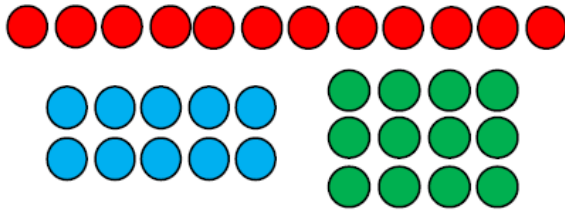
Monday 25<sup>th</sup> January

Multiplication and division  
activities

Look at these activities and use all of the skills that you have learnt over the past few weeks to help you answer them.

## Factor pairs

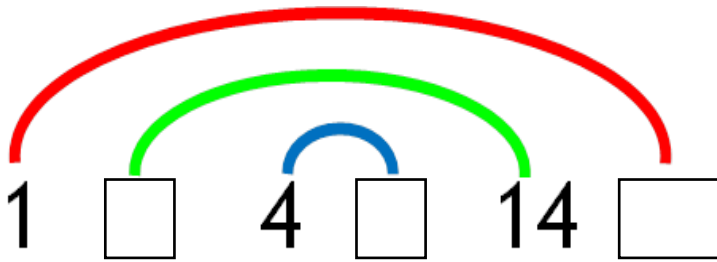
1. What factor pairs for 12 do these arrays show?



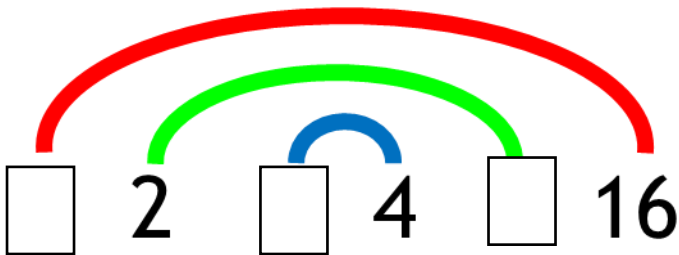
Use counters to create arrays for 24. How many factor pairs can you find?

2. Complete these factor rainbows.

This rainbow is for 28.



3. This rainbow is for 16.



4. Draw your own factor rainbow for 20.

5. Draw your own factor rainbow for 48.

Multiply 2 digits by 1 digit

$$\begin{array}{r} 1. \quad 24 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 22 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 18 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 26 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 12 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 48 \\ \times 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 41 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 31 \\ \times 7 \\ \hline \\ \hline \end{array}$$

Multiply 3 digits by 1 digit

$$\begin{array}{r} 222 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 597 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 773 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 743 \\ \times 8 \\ \hline \end{array}$$

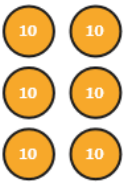

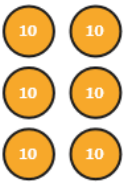

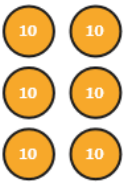


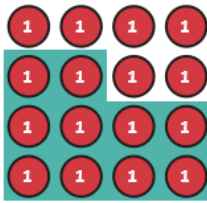


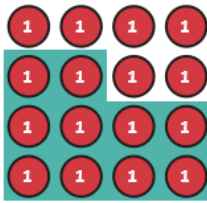

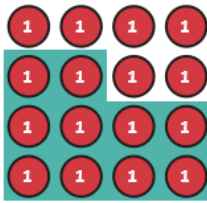
$$\begin{array}{r} 607 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 719 \\ \times 7 \\ \hline \end{array}$$

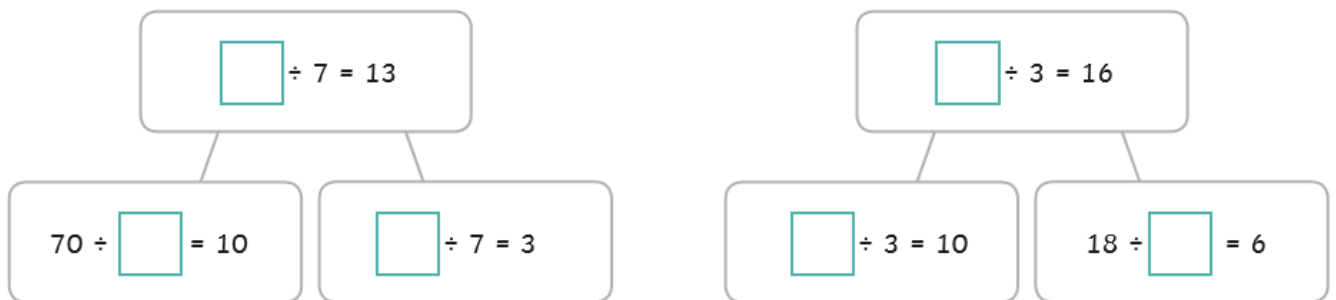
$$\begin{array}{r} 857 \\ \times 9 \\ \hline \end{array}$$

# Divide 2 digits by 1 digit

Complete the table

Calculation	Place Value Counters	Part-Whole Model				
$63 \div 3 =$ <input type="text"/>	<table border="1"> <tr> <td>T</td> <td>O</td> </tr> <tr> <td>  </td> <td>  </td> </tr> </table>	T	O			$63 \div 3 =$ <input type="text"/> $60 \div 3 =$ <input type="text"/> $3 \div 3 =$ <input type="text"/>
T	O					
						
$88 \div 4 =$ <input type="text"/>	<table border="1"> <tr> <td>T</td> <td>O</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	T	O			<input type="text"/> $\div$ <input type="text"/> = <input type="text"/> <input type="text"/> $\div$ <input type="text"/> = <input type="text"/> <input type="text"/> $\div$ <input type="text"/> = <input type="text"/>
T	O					
<input type="text"/> $\div$ <input type="text"/> = <input type="text"/>	<table border="1"> <tr> <td>T</td> <td>O</td> </tr> <tr> <td>  </td> <td>  </td> </tr> </table> 	T	O			<input type="text"/> $\div$ <input type="text"/> = <input type="text"/> $40 \div 4 =$ <input type="text"/> $16 \div 4 =$ <input type="text"/>
T	O					
						

2) Use the part-whole models to find the missing numbers.



Multiply by 10

Multiply these numbers by 10

1.  $12 \times 10 =$

2.  $43 \times 10 =$

3.  $84 \times 10 =$

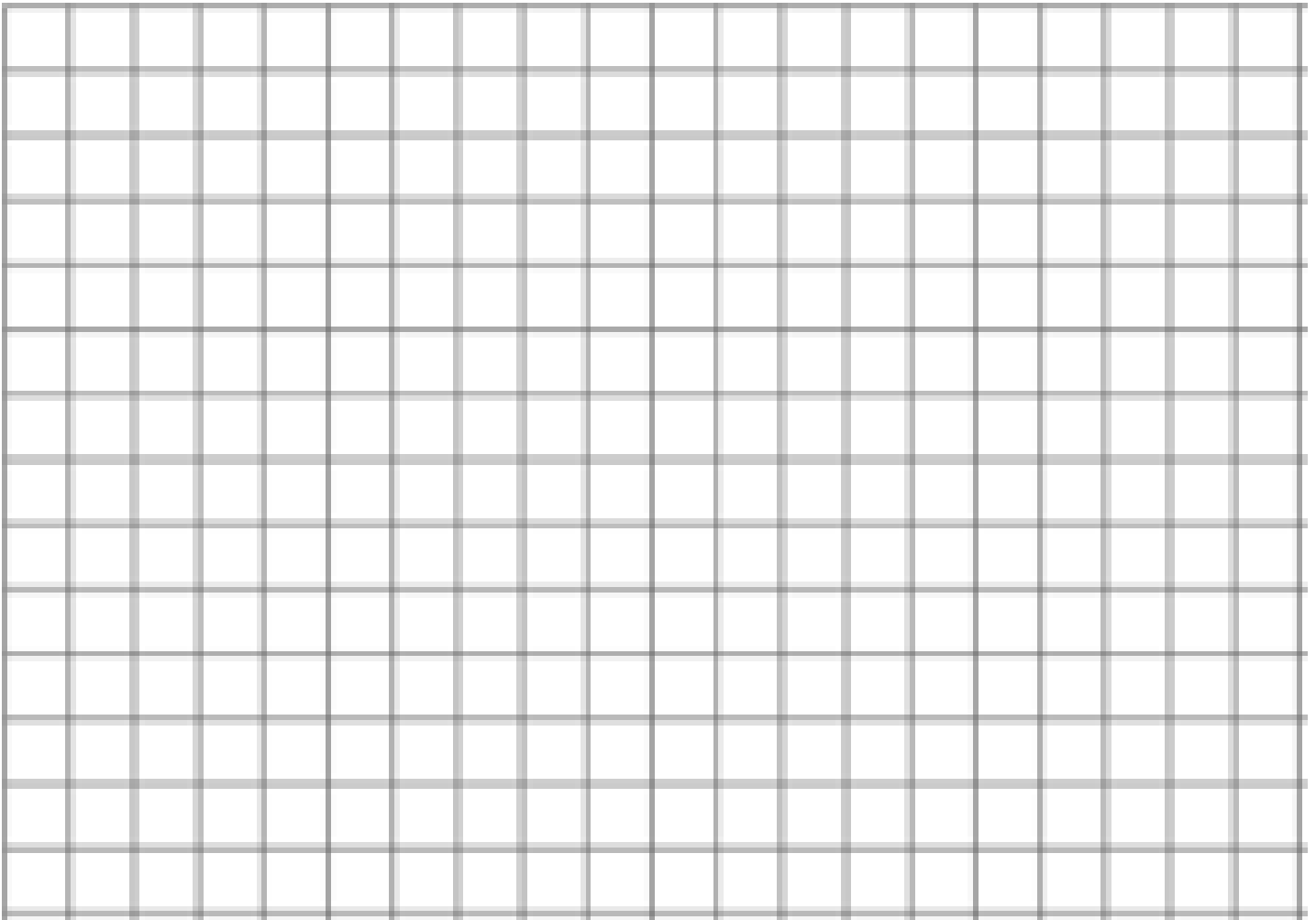
4.  $91 \times 10 =$

5.  $21 \times 10 =$

6.  $77 \times 10 =$

7.  $59 \times 10 =$

8.  $11 \times 19 =$



Multiply by 100

Multiply these numbers by 100

$23 \times 100 =$

$54 \times 100 =$

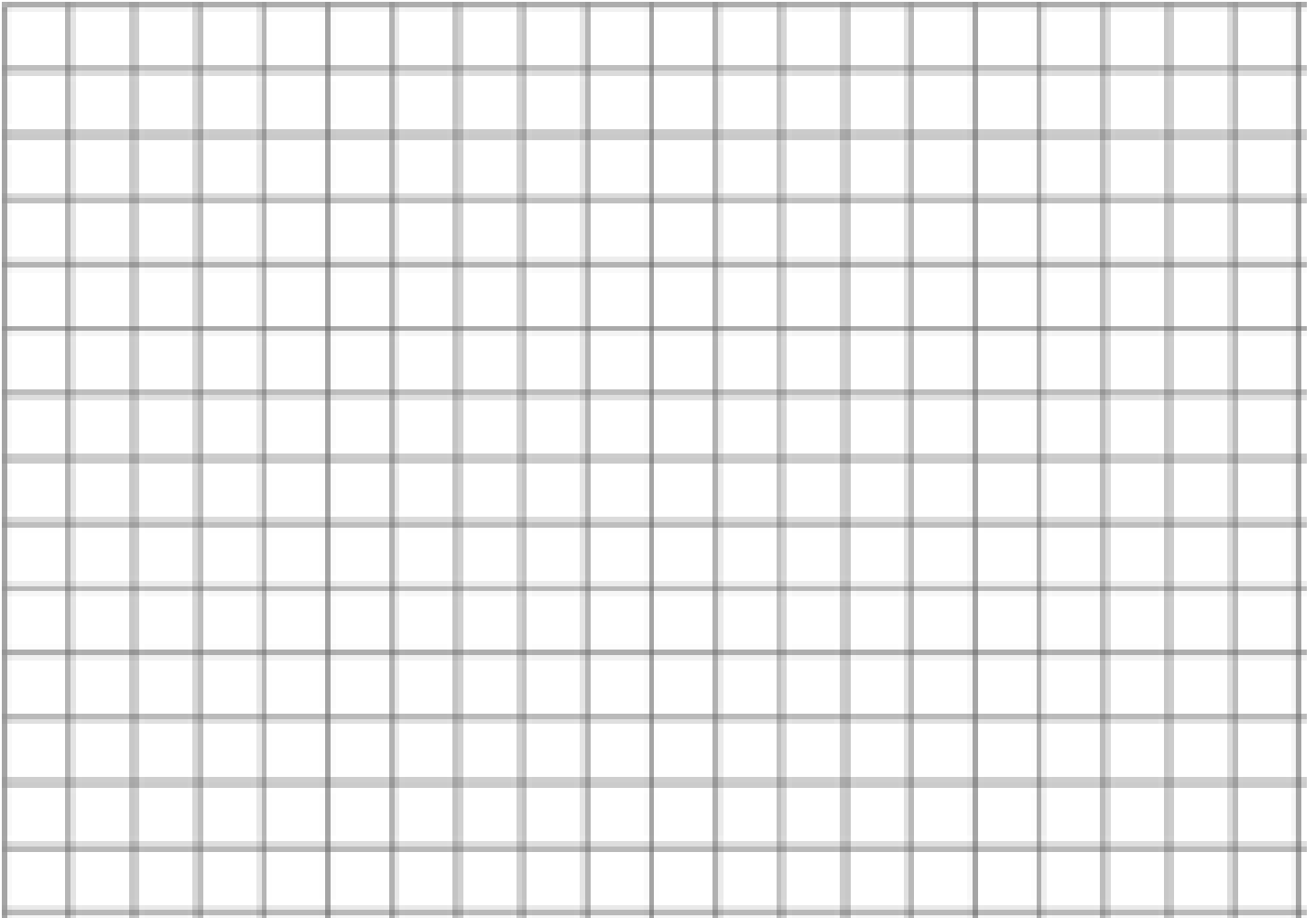
$98 \times 100 =$

$21 \times 100 =$

$76 \times 100 =$

$12 \times 100 =$

$31 \times 100 =$



Divide by 10

Divide these numbers by 10

$230 \div 10 =$

$650 \div 10 =$

$990 \div 10 =$

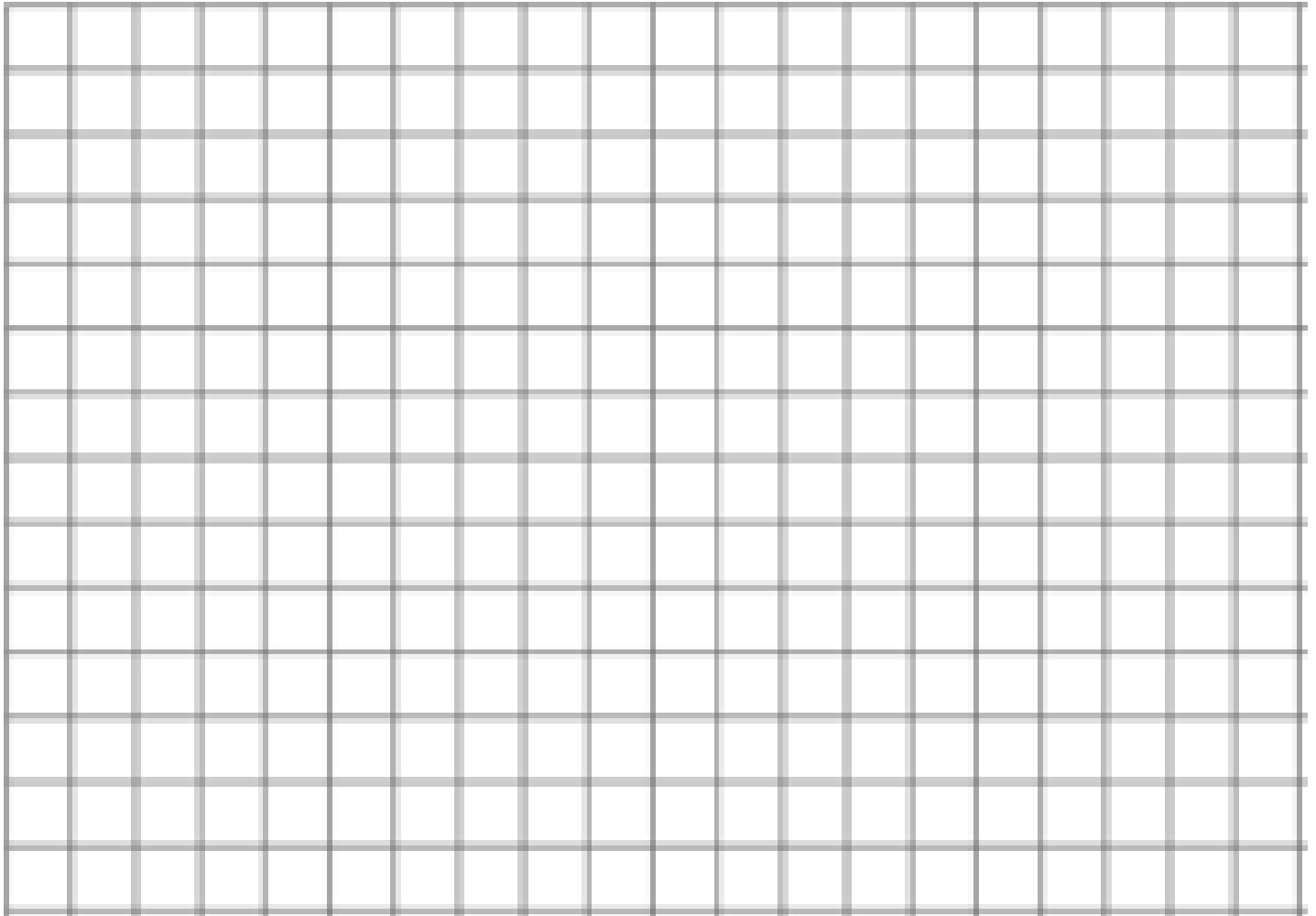
$540 \div 10 =$

$110 \div 10 =$

$320 \div 10 =$

$830 \div 10 =$

$560 \div 10 =$



Divide by 100

Divide these numbers by 100

$5200 \div 100 =$

$6900 \div 100 =$

$3300 \div 100 =$

$2500 \div 100 =$

$9900 \div 100 =$

$6500 \div 100 =$

$3600 \div 100 =$

$1900 \div 100 =$

