

# Task Planner for Division by chunking on a number line

**Divisor** - this means the number you are dividing by  
 e.g. in  $30 \div 2$  the divisor is 2 and in  $20 \div 5$  the divisor is 5

Step	What to do	How it should look (for $31 \div 2$ )	✓
1	Do your first jump (make it as big as you are sure you can), writing the jump above the number line	<p>A number line starting at 0 and ending at 20. A curved line (jump) is drawn above the line, starting at 0 and ending at 20. The number 20 is written above the jump.</p>	
2	In brackets under the number write how many of the divisor is in the jump	<p>A number line starting at 0 and ending at 20. A curved line (jump) is drawn above the line, starting at 0 and ending at 20. The number 20 is written above the jump. Below the jump, the calculation <math>(10 \times 2)</math> is written.</p>	
3	Do another jump that is another chunk of the divisor	<p>A number line starting at 0 and ending at 30. Two curved lines (jumps) are drawn above the line. The first jump starts at 0 and ends at 20. The second jump starts at 20 and ends at 30. The number 20 is written above the first jump, and the number 10 is written above the second jump.</p>	
4	In brackets under the number write how many of divisor is in the jump	<p>A number line starting at 0 and ending at 30. Two curved lines (jumps) are drawn above the line. The first jump starts at 0 and ends at 20. The second jump starts at 20 and ends at 30. The number 20 is written above the first jump, and the number 10 is written above the second jump. Below the first jump, the calculation <math>(10 \times 2)</math> is written. Below the second jump, the calculation <math>(5 \times 2)</math> is written.</p>	
5	When any more jumps in the divisor would take you past the number you are dividing, do a last jump to get the remainder	<p>A number line starting at 0 and ending at 31. Three curved lines (jumps) are drawn above the line. The first jump starts at 0 and ends at 20. The second jump starts at 20 and ends at 30. The third jump starts at 30 and ends at 31. The number 20 is written above the first jump, the number 10 is written above the second jump, and the number 1 is written above the third jump.</p>	
6	Add up how many of the divisor you needed to jump by in total	10 X 2 and 5 X 2 so 15 2s and a final jump of 1	
7	Write the answer to the division	$31 \div 2 = 15r1$	