



£40



£5



£20



£3

$$40 + 5 + 20 + 3 = 68$$

$$\begin{array}{l} 40 + 20 = 60 \\ 5 + 3 = 8 \end{array} \left. \vphantom{\begin{array}{l} 40 + 20 = 60 \\ 5 + 3 = 8 \end{array}} \right\} \begin{array}{l} \uparrow \\ \leftarrow \end{array}$$

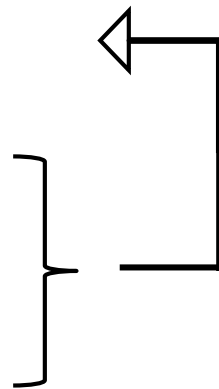




$$45 + 23 = 68$$

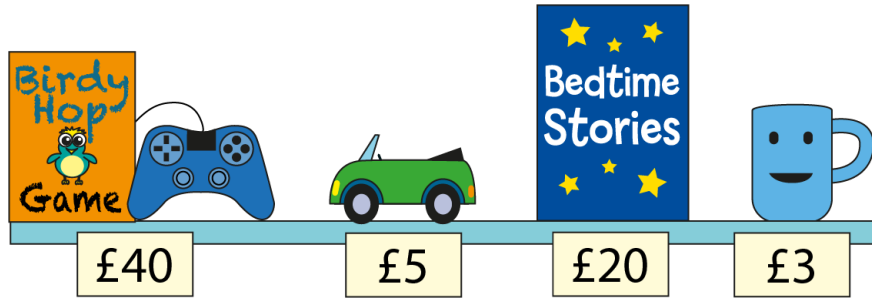
$$40 + 20 = 60$$

$$5 + 3 = 8$$



*First I partition both numbers.  
Then I add the tens. Then I add the ones.  
Then I combine all of the tens and all of the ones.*





$$40 + 5 + 20 + 3$$



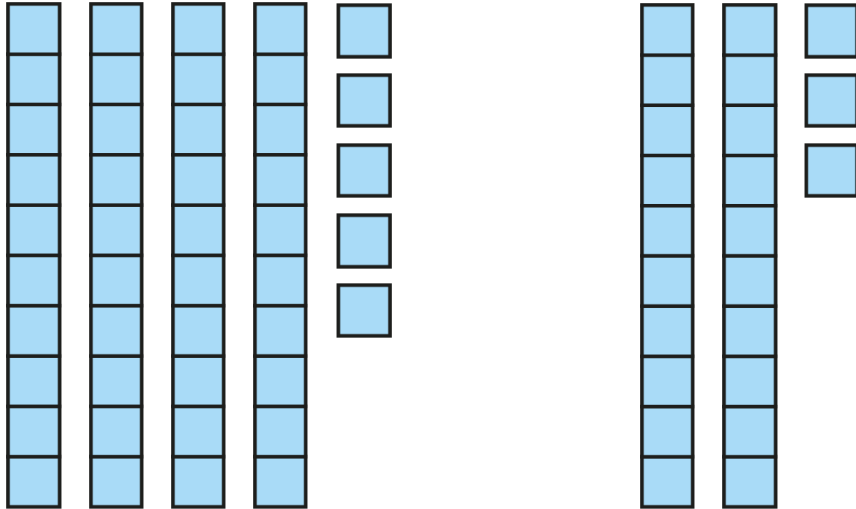
$$45 + 23$$



**45**

**+**

**23**



$$40 + 20 = 60$$

$$5 + 3 = 8$$

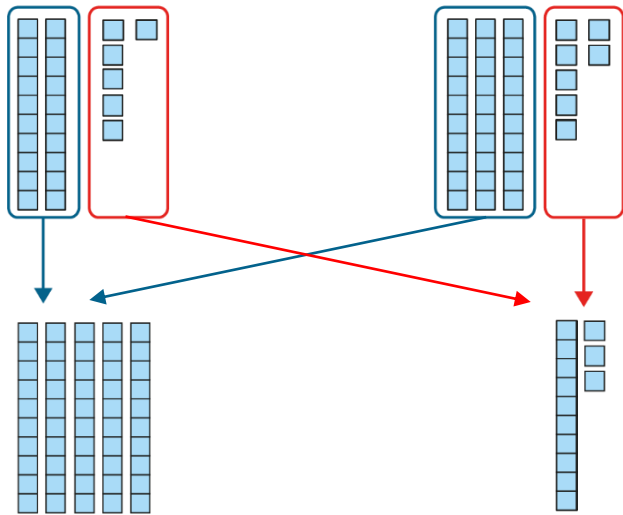
$$60 + 8 = 68$$

*We can partition both addends to help us add efficiently.*





$$26 + 37 = 63$$

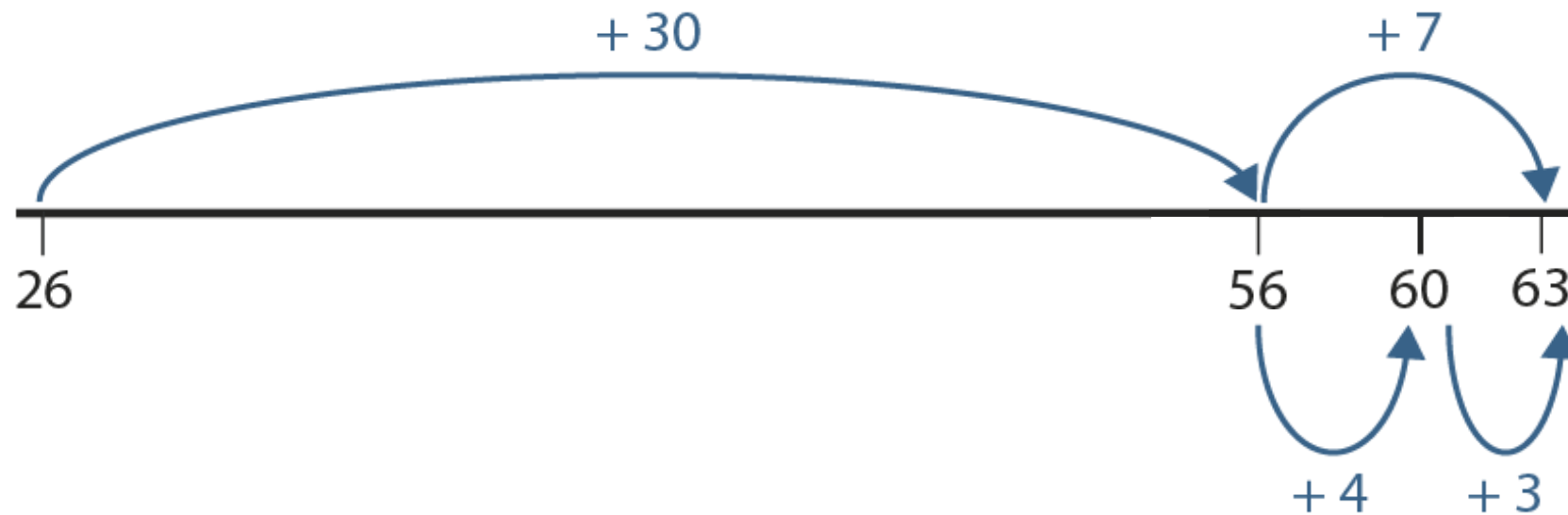
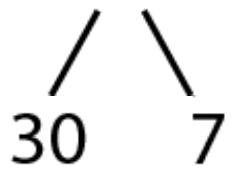


$$50 + 13 = 63$$

*First I partition both numbers.  
Then I add the tens. Then I add the ones.  
Then I combine all of the tens and all of the ones.*



$$26 + 37 = 63$$



*We can partition one addend and count on in tens and ones.*



- Complete these calculations, thinking about when you need to partition.  
Write the partitioned numbers before you calculate.

$$40 + 6 =$$

$$50 + 6 =$$

$$50 + 7 =$$

$$40 + 5 + 10 + 2 =$$

$$20 + 3 + 10 + 1 =$$

$$50 + 10 + 3 + 2 =$$

$$45 + 12 =$$

$$23 + 11 =$$

$$34 + 21 =$$

$$21 + 34 =$$

$$41 + 21 =$$

$$55 + 20 =$$

