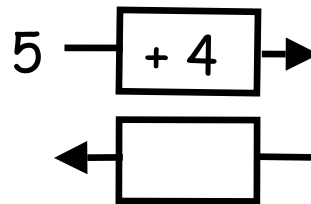
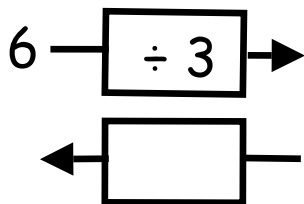
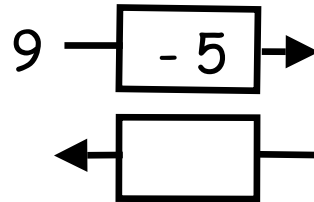
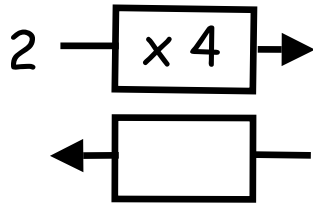
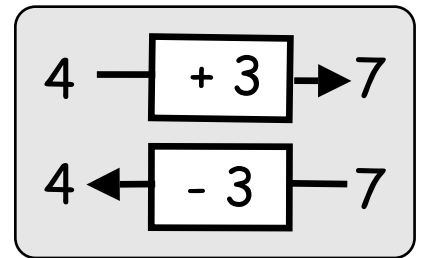


Checking with Inverse - Review



Exercise A - In a similar way as shown by the example in the grey frame, complete the four missing numbers



Exercise B - Choose the best word from - **operation**, **back**, **inverse**, **starting**, **checking**, **useful**, **division** - to complete this description of inverse:

In maths, an _____ can be thought of as the _____ that takes you _____ to your _____ point.

For example, the inverse of +3 is -3

Inverse is _____ for _____ subtraction and _____.

Exercise C - Use inverse to show that the subtraction and division are incorrect.

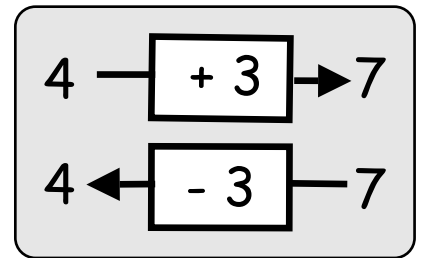
1. $216 - 157 = 141$ **X**

2. $413 \div 7 = 57$ **X**

Checking with Inverse - Review



Exercise A - In a similar way as shown by the example in the grey frame, complete the four missing numbers



$$2 \rightarrow \boxed{\times 4} \rightarrow 8$$

$$9 \rightarrow \boxed{- 5} \rightarrow 4$$

$$2 \leftarrow \boxed{\div 4} \leftarrow 8$$

$$9 \leftarrow \boxed{+ 5} \leftarrow 4$$

$$6 \rightarrow \boxed{\div 3} \rightarrow 2$$

$$5 \rightarrow \boxed{+ 4} \rightarrow 9$$

$$6 \leftarrow \boxed{\times 3} \leftarrow 2$$

$$5 \leftarrow \boxed{- 4} \leftarrow 9$$

Exercise B - Choose the best word from - **operation**, **back**, **inverse**, **starting**, **checking**, **useful**, **division** - to complete this description of inverse:

In maths, an **inverse** can be thought of as the **operation** that takes you **back** to your **starting** point. For example, the inverse of +3 is -3

Inverse is **useful** for **checking** subtraction and **division**.

Exercise C - Use inverse to show that the subtraction and division are incorrect.

1. $216 - 157 = 141$ ✗

2. $413 \div 7 = 57$ ✗

The inverse of - 157 is + 157 and $141 + 157$ is not equal to 216 so 141 is an incorrect answer.

$$\begin{array}{r}
 141 \\
 + 157 \\
 \hline
 298
 \end{array}$$

The inverse of $\div 7$ is $\times 7$ and 57×7 is not equal to 413 so 57 is an incorrect answer.

$$\begin{array}{r}
 57 \\
 \times 7 \\
 \hline
 399
 \end{array}$$