

Find your way back

An inverse operation is one which takes you back to the number you started with.

$$\begin{array}{c} \text{4} \\ \text{4} \end{array} + 3 = 7 \quad \text{so} \quad 7 - 3 = \begin{array}{c} \text{4} \\ \text{4} \end{array}$$

Find the inverses for these calculations:

	Inverse
$12 + 3 = 15$	$15 - 3 = 12$
$6 + 2.5 = 8.5$	
$24 + 3 = 27$	
$92 + 37 = 129$	
$68 - 8 = 60$	
$42 - 12 = 30$	
$6.03 - 1.15 = 4.88$	
$12 \times 2 = 24$	
$8 \times 6 = 48$	
$9 \times 10 = 90$	
$0.1 \times 15 = 1.5$	
$42 \div 6 = 7$	
$1 \div 10 = 0.1$	
$10 \div 100 = 0.1$	

Add-on

Investigate the inverses of mixed calculations such as:

$$3 + 4 - 2 = 5$$

$$6 \times 2 - 1 = 11$$