

Changing the Subject of a Formula

Changing the subject of a formula rearranges it by moving variables and constants (numbers) to the other side of the equals sign to leave the variable we want by itself.

To do this we use inverse operations - exactly the same process we apply to solving equations.



Example

Make f the subject of $h = \frac{f + 4}{2}$

$$h = \frac{f + 4}{2}$$

$\times 2$

$\times 2$

$$2h = f + 4$$

-4

-4

$$2h - 4 = f$$