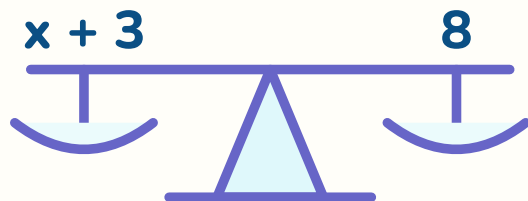
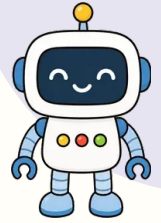


Solving equations



$$x + 3 = 8$$

$$- 3 \qquad - 3$$

$$x = 5$$

Do the same to both sides, and the two stay equal.

$$x + 3 = 8$$

subtract 3

$$x = 5$$

$$x - 2 = 5$$

add 2

$$x = 7$$

$$3x = 12$$

divide by 3

$$x = 4$$

$$x \div 2 = 4$$

multiply by 2

$$x = 8$$

Whatever you do to one side, do to the other — that keeps the equation balanced. Undo each operation with its opposite: + and −, × and ÷.