Ex1

$$x + 2 = 6$$

$$x + 2 - 2 = 6 - 2$$

$$x = 6 - 2$$

$$x = 4$$

Ex2

$$y - 3 = 5$$

$$y - 3 + 3 = 5 + 3$$

$$y = 5 + 3$$

$$y = 8$$

Ex3

$$2x = 10$$

$$\frac{2x}{2} = \frac{10}{2}$$

$$x = \frac{10}{2}$$

$$x = 5$$

Ex4

$$\frac{x}{4} = 8$$

$$\frac{x}{4} \times 4 = 8 \times 4$$

$$x = 8 \times 4$$

$$x = 32$$

Examples

1) $x + 7 = 11$ $\quad x = 11 - 7$ $\quad x = 4$

2) $x - 1 = 2$ $\quad x = 2 + 1$ $\quad x = 3$

3) $3x = 18$ $\quad x = \frac{18}{3}$ $\quad x = 6$

4) $\frac{x}{5} = 10$ $\quad x = 10 \times 5$ $\quad x = 50$

Ex 5

$$2x + 3 = 11$$
$$2x = 11 - 3$$
$$2x = 8$$
$$x = \frac{8}{2}$$
$$x = 4$$

Ex 6

$$3y - 1 = 17$$
$$3y = 17 + 1$$
$$3y = 18$$
$$y = \frac{18}{3}$$
$$y = 6$$