

Solving Linear Equations

(a)

Solve $2x + 5 = 6$

$$x = \frac{1}{2}$$

(b)

Solve $4x + 5 = x + 14$

$$x = 3$$

(c)

Solve $6x + 1 = 8 - x$

$$x = 1$$

(d)

Solve $10 + 5x = 3x + 6$

$$x = -2$$

(e)

Solve $6x + 2 = 2x + 5$

$$x = \frac{3}{4}$$

(f)

Solve $5x - 4 = 1 + 6x$

$$x = -5$$

(g)

Solve $2(3x + 11) = 10$

$$x = -2$$

(h)

Solve $2(x - 2) = 3(x + 4)$

$$x = -16$$

(i)

Solve $4(3x - 1) + 6 = 5(2x + 4)$

$$x = 9$$