



Solving Equations

- a) $x + 3 = 5$ $x + 9 = 16$ $x + 10 = 9$ $x + 12 = 18$
- b) $x \quad \boxed{+3}$ $x \quad \boxed{\times 5}$ $x \quad \boxed{\times 9}$ $x \quad \boxed{\times 12}$
- c) $x \quad \boxed{-3}$ $x \quad \boxed{+5}$ $x \quad \boxed{\div 9}$ $x \quad \boxed{\div 18}$
- d) $x = \frac{2}{\boxed{16}}$ $x = \frac{16}{\boxed{-1}}$ $x = \frac{16}{\boxed{9}}$ $x = \frac{16}{\boxed{-1}}$
- e) $x - 2 = 5$ $x - 5 = 8$ $x - 9 = 13$ $x - 13 = 24$
- f) $x \quad \boxed{\times 5}$ $x \quad \boxed{\div 8}$ $x \quad \boxed{\times 13}$ $x \quad \boxed{\div d)$
- g) $x \quad \boxed{\times 3}$ $x \quad \boxed{\div 15}$ $x \quad \boxed{\times 24}$ $x \quad \boxed{\div 4x} = 24$
- h) $x \quad \boxed{\div 3}$ $x \quad \boxed{+ 15}$ $x \quad \boxed{\times 24}$ $x \quad \boxed{\div 9x} = 36$
- i) $x = \frac{2}{\boxed{16}}$ $x = \frac{8}{\boxed{-1}}$ $x = \frac{8}{\boxed{9}}$ $x = \frac{24}{\boxed{-1}}$
- j) $x = \frac{2}{\boxed{-1}}$ $x = \frac{8}{\boxed{9}}$ $x = \frac{13}{\boxed{d)}$ $x = \frac{24}{\boxed{4x}}$
- k) $x = \frac{2}{\boxed{16}}$ $x = \frac{8}{\boxed{9}}$ $x = \frac{13}{\boxed{24}}$ $x = \frac{24}{\boxed{36}}$



Solving Equations

Solving Equations



Solving Equations

$$6x + 3 = 21$$

+3

$\times 6$

$$8x + 5 = 9$$

$$\begin{array}{l} \text{a) } x \\ \frac{x}{2} = 8 \\ \uparrow \quad \downarrow \\ \boxed{\div 2} \end{array} \quad \begin{array}{l} \text{b) } x \\ \frac{x}{3} = 12 \\ \uparrow \quad \downarrow \\ \boxed{\times 3} \end{array}$$

$$x = \underline{\hspace{2cm}}$$

$x =$

$$5x - 8 = 2$$

$$5x + 3 = 13$$

d) $\begin{array}{r} \boxed{} \\ \times \end{array}$

c) $\begin{array}{r} \boxed{} \\ \boxed{} \\ \hline \boxed{} \end{array}$

$$\begin{array}{r} -3 = 3 \\ \hline +3 \end{array}$$

$$x = \underline{\hspace{2cm}} = x$$

$$x = \underline{\hspace{2cm}}$$

$$e) \quad 2x - 9 = -5$$

$$\frac{x}{2} + 2 = 4$$

e) $\boxed{} + \boxed{} = \boxed{}$

f) $2x - 3 = -1$ $\boxed{} - \boxed{} = \boxed{}$

$$f) \quad \frac{x}{3} - 2 = 1$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$