Solving One and Two Step Equations

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Solve these equations.

(a)
$$x + 6 = 11$$
 (b) $x + 11 = 6$

(b)
$$x + 11 = 6$$

(c)
$$8 + x = 15$$

(c)
$$8 + x = 15$$
 (d) $x + 3.2 = 9.8$

(e)
$$x - 3 = 10$$

(f)
$$x - 10 = 3$$

(q)
$$3 - x = 10$$

(q)
$$3 - x = 10$$
 (h) $2.3 = 4.5 - x$

Solve these equations.

(a)
$$3x = 15$$

(b)
$$8x = 64$$

(c)
$$2x = 15$$

(d)
$$-2x = 6$$

(e)
$$\frac{x}{2} = 5$$
 (f) $\frac{x}{4} = 5$

(f)
$$\frac{x}{4} = 5$$

(g)
$$10 = \frac{x}{3}$$

(g)
$$10 = \frac{x}{3}$$
 (h) $\frac{x}{3} = -7.5$

Solve these equations.

(a)
$$2x + 7 = 15$$

(b)
$$2x - 7 = 15$$

(c)
$$7 + 2x = 13$$
 (d) $13 + 2x = 7$

(d)
$$13 + 2x = 7$$

(e)
$$2x + 13 = 7$$
 (f) $3x + 1 = 10$

(f)
$$3x + 1 = 10$$

(g)
$$3x - 1 = 10$$

(h)
$$17 = 3x - 1$$

Solve these equations.

(a)
$$6 - 2x = 14$$
 (b) $20 = 2 - 6x$

(b)
$$20 = 2 - 6x$$

(c)
$$8 - 3x = 3$$

(c)
$$8 - 3x = 2$$
 (d) $7 - x = 10$

(e)
$$13 - 5x = 3$$
 (f) $6 = 5 - 2x$

(f)
$$6 = 5 - 2x$$

(a)
$$9.5 = 2 - 3x$$

(g)
$$9.5 = 2 - 3x$$
 (h) $6.3 - x = 8.9$

(a) The perimeter of this rectangle is 42 cm. Find its area.

4x cm

3 *cm*

(b) The area of a triangle is $75 cm^2$. If its base is $3x \ cm$ and its height is $20 \ cm$, find the value of x.

Solve these equations.

(a)
$$x + 6 = 11$$

(b)
$$x + 11 = 6$$

(c)
$$8 + x = 15$$

(c)
$$8 + x = 15$$
 (d) $x + 3.2 = 9.8$

(e)
$$x - 3 = 10$$

(f)
$$x - 10 = 3$$

(g)
$$3 - x = 10$$

(h)
$$2.3 = 4.5 - x$$

Solve these equations.

(a)
$$3x = 15$$

(b)
$$8x = 64$$

(c)
$$2x = 15$$

(d)
$$-2x = 6$$

(e)
$$\frac{x}{2} = 5$$
 (f) $\frac{x}{4} = 5$

(f)
$$\frac{x}{4} = 5$$

(g)
$$10 = \frac{x}{3}$$

(g)
$$10 = \frac{x}{3}$$
 (h) $\frac{x}{3} = -7.5$

Solve these equations.

(a)
$$2x + 7 = 15$$
 (b) $2x - 7 = 15$

(b)
$$2x - 7 = 15$$

(c)
$$7 + 2x = 13$$
 (d) $13 + 2x = 7$

(d)
$$13 + 2x = 7$$

(e)
$$2x + 13 = 7$$
 (f) $3x + 1 = 10$

(f)
$$3x + 1 = 10$$

(g)
$$3x - 1 = 10$$

(h)
$$17 = 3x - 1$$

Solve these equations.

(a)
$$6-2x=14$$

(a)
$$6 - 2x = 14$$
 (b) $20 = 2 - 6x$

(c)
$$8 - 3x = 2$$

(c)
$$8 - 3x = 2$$
 (d) $7 - x = 10$

(e)
$$13 - 5x = 3$$
 (f) $6 = 5 - 2x$

(f)
$$6 = 5 - 2x$$

(g)
$$9.5 = 2 - 3x$$
 (h) $6.3 - x = 8.9$

(b)
$$63 - r = 89$$

(a) The perimeter of this rectangle is 42 cm. Find its area.

4x cm

3 *cm*

(b) The area of a triangle is $75 cm^2$. If its base is $3x \ cm$ and its height is $20 \ cm$, find the value of x.