

Solving One and Two Step Equations

Solve these equations.

- (a) $x + 6 = 11$ (b) $x + 11 = 6$
(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) $\frac{x}{4} = 5$
(g) $10 = \frac{x}{3}$ (h) $\frac{x}{3} = -7.5$

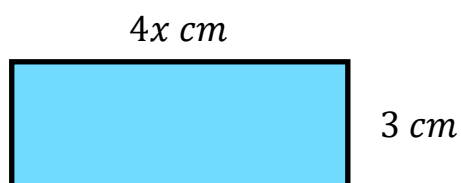
Solve these equations.

- (a) $2x + 7 = 15$ (b) $2x - 7 = 15$
(c) $7 + 2x = 13$ (d) $7 - 2x = 13$
(e) $2x + 13 = 7$ (f) $3x + 1 = 10$
(g) $3x - 1 = 10$ (h) $17 = 3x - 1$

Solve these equations.

- (a) $x^2 = 49$ (b) $x^2 = 25$
(c) $x^2 + 1 = 50$ (d) $x^2 - 3 = 6$
(e) $2x^2 = 32$ (f) $5x^2 = 125$
(g) $20 = 5x^2$ (h) $128 = 2x^2$

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



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

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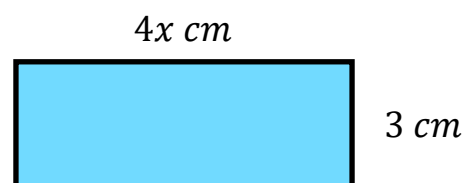
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