**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) $13+2x=7$

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

(g) $3x-1=10$ (h) $17=3x-1$

Solve these equations.

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

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

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

(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 $x$.

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