

DO NOW

Solve the equation. Check your solution.

1) 5h-7 = 2(h+1)

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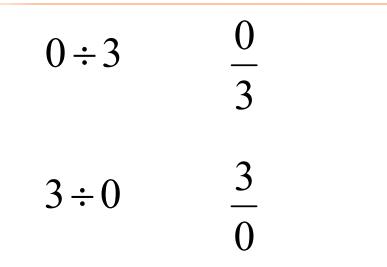
2) 2-15n = 5(-3n+2)

DO NOW

Solve the equation. Check your solution.

3) 6(2y+1) = 12y+6

Something you should know...



What's a Formula?

An equation made up mostly of variables

$$A = lw$$
$$A = \pi r^{2}$$
$$d = \frac{r}{t}$$

Example 1

Solve the formula for *m*. (Get the variable by itself)

$$F = ma$$

Example 2

Solve the formula for *x*. (Get the variable by itself)

$$y = mx + b$$

Example 3

Solve the formula for *b*. (Get the variable by itself)

$$A=\frac{1}{2}h(a+b)$$

Groupwork

Solve the formula for y. (Get the variable by itself)

1)
$$y-5x = 10$$
 2) $15 = 6x + 3y$

Groupwork

Solve for h 3) A = bh Solve for L 4) S = V - L



Solve for W 5) P = 2W + 2L Solve for R

6)
$$C = \frac{1}{4}(R+12)$$