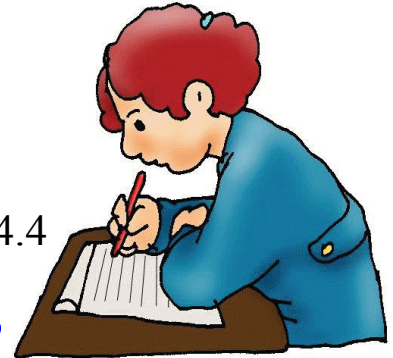


January 30, 2015

Warm Up



Solve for the variable.

1) $5w - 2 = 30.5$

$$5w - 2 + 2 = 30.5 + 2$$

$$\frac{5w}{5} = \frac{32.5}{5}$$

$$w = 6.5$$

2) $\frac{x}{2} + 3 = -4.4$

$$\frac{x}{2} + 3 - 3 = -4.4 - 3$$

$$2\left(\frac{x}{2}\right) = (-7.4)2$$

$$x = -14.8$$

3) **Write an equation and solve**

a) six times a number is -33.6

$$\frac{6x}{6} = \frac{-33.6}{6}$$

$$x = -5.6$$

b) a number divided by -3 is 45.6

$$\frac{n}{-3} = 45.6$$

$$-3\left(\frac{n}{-3}\right) = -3(45.6)$$

$$n = -136.8$$

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$$8. a) \quad \frac{4x}{4} = \frac{9.6}{4}$$
$$x = 2.4$$

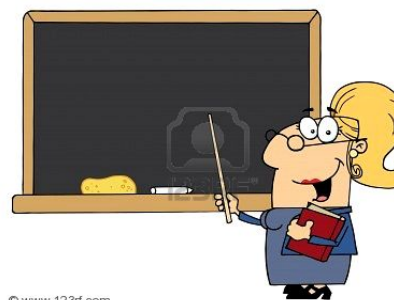
L.S.	R.S.
$4x$	9.6
$4(2.4)$	
9.6	

$LS = RS \therefore x = 2.4$

Class Work
and
Finish for Homework

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Continue working...



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$$8. a) \quad \frac{4x}{4} = \frac{9.6}{4}$$
$$x = 2.4$$

L.S.	R.S.
$4x$	9.6
$4(2.4)$	
9.6	

$LS = RS \therefore x = 2.4$