

Algebra Bellwork - October 10, 2011

Emilio bet his buddy, Andrew, \$65 that San Diego Chargers would lose this weekend. After paying Andrew, Emilio had \$49 left. How much money did Emilio have before he paid Andrew?

Write an equation.

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Emilio bet his buddy, Andrew, \$65 that San Diego Chargers would lose this weekend. After paying Andrew, Emilio had \$49 left. How much money did Emilio have before he paid Andrew?

Write an equation.

$n = \text{money before losing}$

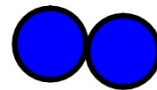
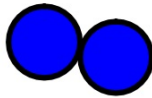
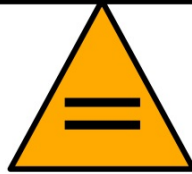
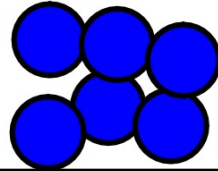
$$n - 65 = 49$$
$$n = 114$$



$$x + 2 = 8$$



$$x = 6$$

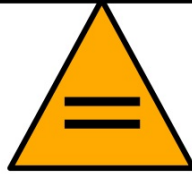


x



$$x - 3 = 2 + 3$$

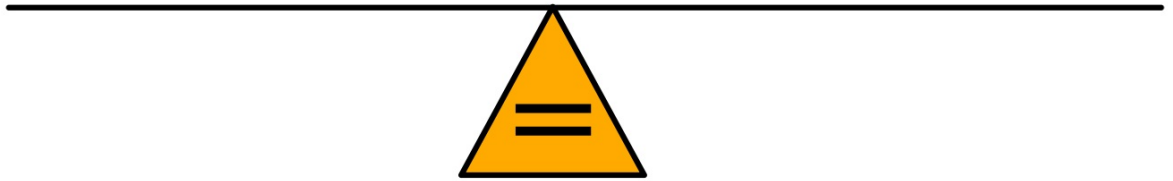
$$x = 5$$



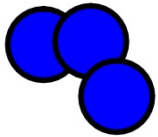
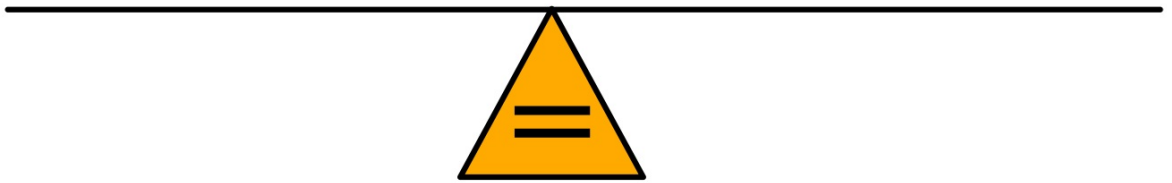
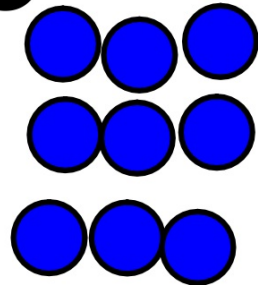
x



$$x - 2 = 8$$



$$3x = 9$$



Solve each equation.

$$1) \frac{4}{1} \cdot \frac{x}{4} = 8 \cdot 4$$

$$x = 32$$

2)

$$\frac{12}{6} = \frac{6x}{6}$$

$$2 = x$$

Solve each equation.

$$-13 + 5$$

1. $x - 8 = 0$

2. $c - 4 = 9$

3. $-4 = \frac{2}{5}a$

4. ~~$-8n = -64$~~
 $-16 = -8$

5. $b + 5 = -13$

6. $6 = x + 2$

7. $-7y = 28$

8. $-101 = -\frac{t}{3}$

9. $67 = w - 65$

10. $5b = 145$

11. $\frac{m}{7} = 12$

12. $-4 = k + 19$

1.
$$\begin{array}{r|l} x - 8 & = 0 \\ + 8 & + 8 \\ \hline x & = 8 \end{array}$$

3)
$$\begin{array}{r|l} 5 - 4 & = \frac{2}{5} \cdot a \\ \frac{2}{2} \cdot 1 & \\ \hline -20 & = a \\ \frac{-10}{2} & = a \end{array}$$