Ma9 LG 11A (Formative Assessment)

Marking Teacher: _____ **Name: _____**

Student #: _____

Solve each equation.

1. **a)** $8h = -72$ **b)** $3c - 1 = 8$

Solve each equation.

2. **a)** $3x + 2.1 = -16.2$ **b)** $\frac{x}{4} - 5.6 = 2.4$

Solve each equation.

3. **a)** $2(x + 3) = -15$ **b)** $-9 = 3(x - 6)$

Solve each equation.

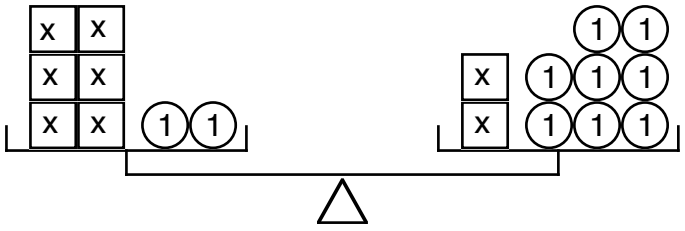
4. **a)** $\frac{56}{x} = -8,\ x \neq 0$

b) $4w = 27 - 5w$

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

b) $\frac{4}{3}(y+1) = \frac{1}{2}(2y+6)$

6. **Write the equation modeled by the balance below, then solve the equation for x**



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Ma9 LG 11B (Formative Assessment)

Marking Teacher: _____ **Name: _____**

Student #: _____

Solve each equation.

1. **a)** $\frac{d}{3} = -12$ **b)** $6 = 2a - 4$

Solve each equation.

2. **a)** $0.4x - 1.2 = 2.8$ **b)** $\frac{x}{3} + 1.1 = -3.2$

Solve each equation.

3. **a)** $3(x - 2) = 9$ **b)** $8 = 4(x + 3)$

Solve each equation.

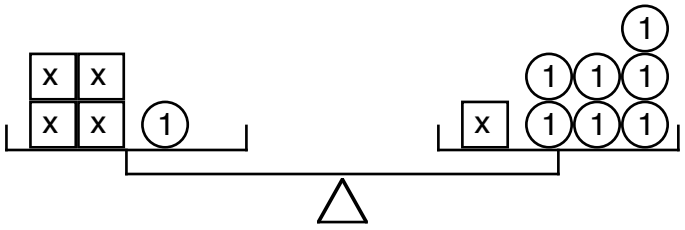
4. **a)** $\frac{-2.8}{y} = 7,\ y \neq 0$

b) $6x + 3 = -13 - 2x$

5. **a)** $\frac{x}{4} + 1 = 2 - \frac{5x}{3}$

b) $\frac{3}{4}(x - 2) = \frac{3}{8}(x + 1)$

6. **Write the equation modeled by the balance below, then solve the equation for x**



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