

# Unit 5 Review: Equations

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NAME: \_\_\_\_\_

Period: \_\_\_\_\_

**Directions: Solve each equation.**

1)  $6x = -24$

2)  $\frac{y}{4} = 5$

3)  $5 - g = 7$

4)  $3m - 6 = 12$

5)  $4(x - 5) = -8$

6)  $\frac{p-2}{2} = -6$

**Directions: Solve each equation.**

7)  $10 - 6x = -2$

8)  $-3 = \frac{2}{3}p + 5$

**Directions: Write a verbal translation, model the situation and find the solution for the equation.**

9)  $y + 9 = 5$

**a. Verbal:**

**b. Solution:**

**Directions: For the situation make an equation, define your variable and solve your equation.**

10) Robin works for the news channel CSN. She loves breaking new stories. So far this year she's broken 12 new stories. Every month she breaks 3 new stories. How long until she breaks 24 stories?