**H. Geometry – Introduction to Section 2.4 Date: \_\_\_\_\_\_\_\_\_\_**

Solve each equation.

1. $\frac{4}{x}=\frac{15}{21}$ 2. $9-3\left(x+4\right)=-21$

3. $\frac{x+6}{3}-1=-21$ 4. $3-\frac{4}{7}m=-9$

5. $5Q=2Q-24$







Solve this equation. Justify the steps. 5x + 3 = -12

\_\_\_\_Steps\_\_\_\_ \_\_\_\_Reasons\_\_\_\_

Solve this equation. Justify the steps. 6 + 2(3x + 1) = 38

\_\_\_\_Steps\_\_\_\_ \_\_\_\_Reasons\_\_\_\_