**Literal Equations** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_\_

Solve the following equations and explain your work.

1. 3a + 4 = 8 + 2c for c Steps 2. 8x + 3y= -10 for y Steps

3. $\frac{k-3}{4}=5j$ for k Steps 4. d = ab +c for b Steps

The formula for interest is I = Prt (Interest = Principal rate time)

5. Solve for P:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. Solve for r :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Solve for t :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The formula for the circumference of a circle C = 2r (Circumference = 2 radius)

8. Solve for r:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Solve for :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_