

Name: _____

Unit 2: Equations & Inequalities



Date: _____ Bell: _____

Homework 6: Literal Equations

Directions: Solve each equation. **SHOW ALL STEPS!**

1. $d = 2r$ solve for r

2. $s = \frac{2d}{t}$ solve for d

3. $C = 2\pi r$ solve for r

4. $V = \pi r^2 h$ solve for π

5. $I = prt$ solve for r

6. $E = mc^2$ solve for c

7. $P = \frac{100a}{t}$ solve for a

8. $V = \frac{1}{3}\pi r^2 h$ solve for h

9. $y = mx + b$ solve for m

10. $a = 2(b - c)$ solve for b

11. $w = 3x + 7y$ solve for y

12. $A = \frac{1}{2}h(b_1 + b_2)$ solve for b_2