

Day 7 Homework

Name: _____

Directions: Solve each equation. SHOW ALL STEPS!			
1. $d = 2r$	solve for r	2. $r = \frac{d}{t}$	solve for d
3. $V = lwh$	solve for w	4. $V = \frac{\pi r^2 h}{r^2 h \cancel{r^2 h}}$ $\frac{V}{r^2 h} = \pi$	solve for π
5. $I = \frac{prt}{Pt \cancel{Pt}}$ $\frac{I}{Pt} = r$	solve for r	6. $E = mc^2$	solve for m
7. $P = \frac{100a}{t} \cdot t$ $\frac{Pt}{100} = \frac{100a}{100}$	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. $w = 4x + 9y$	solve for y	12. $A = \frac{1}{2}h(b_1 + b_2)$ $\frac{2A}{h} = \frac{h(b_1 + b_2)}{h}$ $\frac{2A}{h} = \frac{b_1}{-b_1} + b_2$ $\frac{2A}{h} - b_1 = b_2$	solve for b_2