

Name _____

Homework #14

Date _____

Period _____

1) Solve the equation $m(n + r) = s$ for n .

2) Solve the equation $S = \frac{\pi r^2}{90}$ for r .

3) Solve for r : $A = \frac{1}{2}\pi r^2$

4) Solve for r : $A = \frac{1}{2}\pi r^2$

5) Solve for x : $\frac{a-x}{d} = b$

6) Solve for x : $ax - mt = a$

7) Solve for l : $S = 2lw + 2hw + 2lh$

8) Solve for b_2 : $A = \frac{1}{2}h(b_1 + b_2)$

Directions #9-14 Solve for x .

9) $7dx - 2d = 3dx + 6d$

10) $5(x + a) = -2(2x + 3a)$

11) $ab(d + x) = x$

12) $R = \frac{a(x+b)}{3}$

13) $\frac{1}{x} - \frac{1}{a} = \frac{1}{b}$

14) $\frac{ax}{c} - b = \frac{c}{b}$