

Name: _____ Date: _____

Rearranging Formulas

1) $m = \frac{y_2 - y_1}{x_2 - x_1}$; solve for y_2

2) $A = \frac{a+b+c+d}{4}$; solve for a

3) ~~$S = 2(lw + lh + wh)$; solve for w~~

4) $\frac{1}{f} = \frac{1}{a} + \frac{1}{b}$; solve for f

5) $d = \frac{C}{\pi}$; solve for π

6) $A = p(1+rt)$; solve for t

7) $S = R - rR$; solve for R

8) $C = \frac{5}{9}(F - 32)$; solve for F

9) $\frac{P_1 V_1}{T_1} = \frac{P_2 V_2}{T_2}$; solve for T_1

10) $F = \frac{gm_1 m_2}{d^2}$; Solve for g

11) $F = \frac{gm_1 m_2}{d^2}$; Solve for d

12) $A = 2\pi r^2 + 2\pi rh$; solve for π

13) $R = \frac{l+3w}{2}$; solve for w

14) $5b = 2ac + 4abc$; solve for a

15) $A = S(1-DN)$; solve for N

16) ~~$S = 2(lw + lh + wh)$; solve for h~~