

Name_____

Period_____

Literal Equations

Solve each equation or formula for the specified variable.

1) $A = \frac{x+y}{2}$, for y	2) $y = \frac{1}{4}x - 12$, for x	3) $A = 2\pi r^2 + 2\pi rh$, for h
4) $C = \pi r$, for r	5) $m = \left(\frac{n-2}{n}\right)$, for n	6) $y = mx + b$, for x
7) $V = \frac{1}{3}\pi r^2 h$, for h	8) $x = -\frac{b}{2a}$, for a	9) $E = \frac{1}{2}wv^2$, for w
10) $\frac{a-4b^2}{2c} = d$, for a	11) $A = \frac{1}{2}h(a + b)$, for b	12) $a = \frac{1}{2}bc$, for b
13) $V = \frac{3k}{t}$, for t	14) $Ax + By = C$, for x	15) $Q = \frac{c+d}{2}$, for d