

Solve the formula for the indicated variable. (Example 1)



1. Formula for distance traveled, $d = rt$, for t

2. Formula for the flow of current in an electrical circuit, $V = IH$, for I

3. Formula for the surface area of a cylinder, $SA = 2\pi r^2 + 2\pi rh$, for h

4. Formula for the area of a trapezoid, $A = \frac{1}{2}(a + b)h$, for F

5. Formula for the average of 3 numbers, $A = \frac{a+b+c}{3}$, for c

6. Formula for Celsius temperature, $C = \frac{5}{9}(F - 32)$, for F

Solve each equation for the indicated variable. (Example 3)

8. $bx = c$, for x

9. $kn + mp = q$, for p

10. $a = b + rb$, for r

11. $A = P + Prt$, for t
