Literal Equations

Name_____

**MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.**

**Solve the formula for the specified variable.**

1) $d = rt$ for r

A) $r = d - t$ B) $r = dt$ C) $r = \frac{d}{t}$ D) $r = \frac{t}{d}$

2) $I = Prt$ for t

A) $t = \frac{P - 1}{Ir}$ B) $t = \frac{P - I}{1 + r}$ C) $t = P - Ir$ D) $t = \frac{I}{Pr}$

3) $A = \frac{1}{2}bh$ for b

A) $b = \frac{Ah}{2}$ B) $b = \frac{h}{2A}$ C) $b = \frac{2A}{h}$ D) $b = \frac{A}{2h}$

4) $V = \frac{1}{3}Bh$ for h

A) $h = \frac{B}{3V}$ B) $h = \frac{V}{3B}$ C) $h = \frac{3V}{B}$ D) $h = \frac{3B}{V}$

5) $P = a + b + c$ for c

A) $c = a + b - P$ B) $c = P - a - b$ C) $c = P + a - b$ D) $c = P + a + b$

6) $P = 2L + 2W$ for W

A) $W = P - L$ B) $W = \frac{P - L}{2}$ C) $W = \frac{P - 2L}{2}$ D) $W = d - 2L$

7) $A = P + PRT$ for T

A) $T = \frac{A - P}{PR}$ B) $T = \frac{PR}{A - P}$ C) $T = \frac{A}{R}$ D) $T = \frac{P - A}{PR}$

8) $A = \frac{1}{2}h(B + b)$ for b

A) $b = \frac{2A - Bh}{h}$ B) $b = \frac{2A + Bh}{h}$ C) $b = \frac{A - Bh}{h}$ D) $b = 2A - Bh$

9) $F = \frac{9}{5}C + 32$ for C

A) $C = \frac{9}{5}(F - 32)$ B) $C = \frac{5}{F - 32}$ C) $C = \frac{5}{9}(F - 32)$ D) $C = \frac{F - 32}{9}$



LIVEWORKSHEETS