

Name: _____

If $4x + y = H$, then x is equal to

A) $\frac{H}{4} - y$ B) $\frac{H - y}{4}$ C) $\frac{H}{4} + y$ D) $\frac{H + y}{4}$

2) If $4x + a = 4a + x$, then x must equal

A) 4 B) $5a$ C) 0 D) a

3) If $9x + 2a = -3a + 4x$, then x equals

A) 0 B) 1 C) $-5a$ D) $-a$

4) If $3x + c = 4$, then x equals

A) $\frac{c - 4}{3}$ B) $4 - c$ C) $c - 4$ D) $\frac{4 - c}{3}$

5) If $x + ay = b$, then y equals

A) $\frac{b}{x + a}$ B) $b - x - a$ C) $\frac{b - x}{a}$ D) $\frac{b - a}{x}$

6) If $c = ax + b$, then x equals

A) $\frac{c - b}{a}$ B) $\frac{c + b}{a}$ C) $\frac{c}{a} + b$ D) $\frac{c}{a} - b$

7) If $A = p + prt$, then t equals

A) $\frac{A - p}{pr}$ B) $\frac{A - 1}{r}$ C) $\frac{A}{pr} - p$ D) $\frac{A + p}{pr}$

If $s = 2c + m$, then c is equal to

A) $s - m - 2$ B) $2s - m$ C) $\frac{s - m}{2}$ D) $\frac{s + m}{2}$

9) Solve for x in terms of b : $2x + b = 3$ 10) Solve for x in terms of b : $3x - b = 2b$ 11) Solve for y in terms of x : $3y + 2 = x$ 12) Solve for h in terms of V and r : $V = \frac{1}{3}\pi r^2 h$ 13) Solve for x in terms of p and a : $2x + a = p$ 14) Solve for a in terms of b and c : $3a + 4b = c$ 15) Solve for x in terms of p and q : $3x + p = q$