

Name: \_\_\_\_\_

Solve for  $x$  in terms of  $p$  and  $a$ :  $2x + a = p$ 2) If  $cx - d = f$ , then  $x$  is equal to

A)  $\frac{f + d}{c}$

B)  $f + d - c$

C)  $d + f$

D)  $\frac{f - d}{c}$

3) Solve for  $x$  in terms of  $a$ ,  $b$ , and  $c$ :  $ax - 3b = c$ 4) If  $4x + y = H$ , then  $x$  is equal to

A)  $\frac{H + y}{4}$

B)  $\frac{H}{4} - y$

C)  $\frac{H - y}{4}$

D)  $\frac{H}{4} + y$

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

A)  $\frac{b}{x + a}$

B)  $\frac{b - x}{a}$

C)  $b - x - a$

D)  $\frac{b - a}{x}$

6) Solve for  $x$  in terms of  $p$  and  $q$ :  $3x + p = q$ 7) Solve for  $x$  in terms of  $a$ ,  $b$ , and  $c$ :  $ax - b = -c$ 8) If  $9x + 2a = -3a + 4x$ , then  $x$  equals

A)  $-5a$

B)  $-a$

C)  $0$

D)  $1$

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

A)  $\frac{A - 1}{r}$

B)  $\frac{A - p}{pr}$

C)  $\frac{A}{pr} - p$

D)  $\frac{A + p}{pr}$

10.) SOLVE FOR  $w$ :  $awm = 2y$

11.) SOLVE FOR  $k$ :  $\frac{2k}{c} = a$

12.) SOLVE FOR  $x$ :  $5x + c = 8x$