Algebra 1 Name_____

Rearranging Formulas Practice

Date_____ Period____

Solve each equation for the indicated variable.

1) $u = 2x + 2$, for x $x = \frac{u - 2}{2}$

2) $u = -3a + 1$, for a $a = \frac{-u + 1}{3}$

3) $z = 3 + 4a$, for a $a = \frac{z - 3}{4}$

4) $g = 1 + 3a$, for a $a = \frac{g - 1}{3}$

5) $g = -16x$, for x $x = -\frac{g}{16}$

6) $m - x = n - p$, for x
$x = m - n + p$

7) $\frac{k}{a} = wv$, for a $a = \frac{k}{wv}$

8) $u = y + x - k$, for x
$x = u - y + k$

9) $z = b + \frac{m}{a}$, for a $a = \frac{m}{z - b}$

10) $cx = r - d$, for x $x = \frac{r - d}{c}$

11) $\frac{m}{a} = n - p$, for a $a = -\frac{m}{-n + p}$

12) $cx = r + d$, for x $x = \frac{r + d}{c}$

13) $ac = d + r$, for a $a = \frac{d + r}{c}$

14) $z = b + a - m$, for a
$a = z - b + m$

15) $\frac{m}{x} = n + p$, for x $x = -\frac{m}{-n - p}$

16) $u = xk + w - v$, for x $x = \frac{u - w + v}{k}$

17) $\frac{a}{m} = \frac{b}{p - n}$, for a $a = \frac{mb}{p - n}$

18) $\frac{m}{x} = y + \frac{p}{n}$, for x $x = -\frac{mn}{-yn - p}$

19) $xc = r - d + yx$, for x $x = \frac{r - d}{c - y}$

20) $g = \frac{ac + r}{ad}$, for a $a = \frac{r}{gd - c}$