

Assignment

Date _____ Period _____

Solve each equation for the indicated variable.

1) $g = -b + \frac{c}{a}$, for a

2) $g = y - c + x$, for x

3) $\frac{a}{c} = \frac{r}{d}$, for a

4) $u = b + k - a$, for a

5) $\frac{c}{x} = dr$, for x

6) $u = bak$, for a

7) $xm = n - p$, for x

8) $g = c - a - b$, for a

9) $a - m = n + p$, for a

10) $m + a = n - p$, for a

11) $xc = d + r$, for x

12) $c - a = d + r$, for a

13) $g = \frac{cy}{x}$, for x

14) $g = y - cx$, for x

15) $a - k = w - v$, for a

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

17) $ac = r + d$, for a

18) $kx = v + w$, for x

19) $am = n + p$, for a

20) $ak = w + v$, for a

21) $u = y + \frac{k}{x}$, for x

22) $g = a + c - b$, for a

23) $g = b - ca$, for a

24) $g = b - a - c$, for a

25) $u = ak - b$, for a

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

27) $z = amb$, for a

28) $g = \frac{ab}{c}$, for a

$$29) u = y + xk, \text{ for } x$$

$$30) g = y + \frac{c}{x}, \text{ for } x$$

$$31) z = am - b, \text{ for } a$$

$$32) g = y - x + c, \text{ for } x$$

$$33) g = b - \frac{c}{a}, \text{ for } a$$

$$34) u = \frac{xy}{k}, \text{ for } x$$

$$35) z = \frac{my}{x}, \text{ for } x$$

$$36) g = acb, \text{ for } a$$

$$37) u = kxy, \text{ for } x$$

$$38) g = -b + \frac{c}{a}, \text{ for } a$$

$$39) z = \frac{ab}{m}, \text{ for } a$$

$$40) g = \frac{cy}{x}, \text{ for } x$$

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Date _____ Period _____

Solve each equation for the indicated variable.

1) $g = -b + \frac{c}{a}$, for a $a = \frac{c}{g+b}$

2) $g = y - c + x$, for x
 $x = g - y + c$

3) $\frac{a}{c} = \frac{r}{d}$, for a $a = \frac{cr}{d}$

4) $u = b + k - a$, for a
 $a = -u + b + k$

5) $\frac{c}{x} = dr$, for x $x = \frac{c}{dr}$

6) $u = bak$, for a $a = \frac{u}{bk}$

7) $xm = n - p$, for x $x = \frac{n-p}{m}$

8) $g = c - a - b$, for a
 $a = -g + c - b$

9) $a - m = n + p$, for a
 $a = m + n + p$

10) $m + a = n - p$, for a
 $a = -m + n - p$

11) $xc = d + r$, for x $x = \frac{d+r}{c}$

12) $c - a = d + r$, for a
 $a = c - d - r$

13) $g = \frac{cy}{x}$, for x $x = \frac{cy}{g}$

14) $g = y - cx$, for x $x = \frac{-g+y}{c}$

15) $a - k = w - v$, for a
 $a = k + w - v$

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

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

18) $kx = v + w$, for x $x = \frac{v+w}{k}$

19) $am = n + p$, for a $a = \frac{n+p}{m}$

20) $ak = w + v$, for a $a = \frac{w+v}{k}$

21) $u = y + \frac{k}{x}$, for x $x = \frac{k}{u-y}$

22) $g = a + c - b$, for a
 $a = g - c + b$

23) $g = b - ca$, for a $a = \frac{-g+b}{c}$

24) $g = b - a - c$, for a
 $a = -g + b - c$

25) $u = ak - b$, for a $a = \frac{u+b}{k}$

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

27) $z = amb$, for a $a = \frac{z}{mb}$

28) $g = \frac{ab}{c}$, for a $a = \frac{gc}{b}$

$$29) u = y + xk, \text{ for } x \quad x = \frac{u - y}{k}$$

$$30) g = y + \frac{c}{x}, \text{ for } x \quad x = \frac{c}{g - y}$$

$$31) z = am - b, \text{ for } a \quad a = \frac{z + b}{m}$$

$$32) g = y - x + c, \text{ for } x \\ x = -g + y + c$$

$$33) g = b - \frac{c}{a}, \text{ for } a \quad a = \frac{c}{-g + b}$$

$$34) u = \frac{xy}{k}, \text{ for } x \quad x = \frac{uk}{y}$$

$$35) z = \frac{my}{x}, \text{ for } x \quad x = \frac{my}{z}$$

$$36) g = acb, \text{ for } a \quad a = \frac{g}{cb}$$

$$37) u = kxy, \text{ for } x \quad x = \frac{u}{ky}$$

$$38) g = -b + \frac{c}{a}, \text{ for } a \quad a = \frac{c}{g + b}$$

$$39) z = \frac{ab}{m}, \text{ for } a \quad a = \frac{zm}{b}$$

$$40) g = \frac{cy}{x}, \text{ for } x \quad x = \frac{cy}{g}$$