

Extra Credit: Rewriting Equations

Period _____

Solve each equation for the indicated variable.

1) $g = acb$, for a

3) $g = ac + b$, for a

5) $u = b + \frac{k}{a}$, for a

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

9) $z = \frac{m}{xy}$, for x

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

13) $g = cx + y$, for x

15) $u = \frac{xk}{y}$, for x

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

19) $g = xc - y$, for x

21) $u = yxk$, for x

23) $u = ak + b$, for a

25) $z = am + b$, for a

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

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

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

33) $am = \frac{n}{p}$, for a

35) $g = \frac{b}{ca}$, for a

37) $z = b + a + m$, for a

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

41) $g = 1 + 3a - b$, for a

43) $g = 2y + 8x - 12$, for x

45) $z = 4y + 3x$, for x

47) $g = 16x - 16 - 2y$, for x

49) $g = \frac{8x - 4}{y}$, for x

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

4) $u = \frac{ab}{k}$, for a

6) $u = \frac{y}{xk}$, for x

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

10) $z = m - x - y$, for x

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

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

16) $g = yxc$, for x

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

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

22) $u = kab$, for a

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

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

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

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

32) $ka = wv$, for a

34) $ka = v - w$, for a

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

38) $xc = dr$, for x

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

42) $g = -\frac{3b}{8a}$, for a

44) $z = \frac{12x + 4}{3y}$, for x

46) $u = \frac{-5y - 6x}{5}$, for x

48) $z = -\frac{20}{xy}$, for x

50) $g = -4y - 3x$, for x