

# Solving Algebraic Equations

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

Solve for each variable.

$$20 \div y = -10$$

$$28 \div 2d = 7$$

$$e \div 5 = -2$$

$$18 \div 3t = -3$$

$$v \div 2 = 5$$

$$36 \div 3v = -4$$

$$t \div 3 = -4$$

$$48 \div 4p = 4$$

$$x \div 3 = 5$$

$$-c \div 1 = -5$$

$$60 \div 2y = -6$$

$$-2g \div 2 = -11$$

$$60 \div 2y = 10$$

$$n \div 1 = -1$$

$$12 \div e = 4$$

$$-f \div 2 = -2$$

$$20 \div 2n = 2$$

$$x \div 1 = -2$$

$$10 \div y = 5$$

$$g \div 5 = 2$$

$$-10 \div u = -5$$

# Answers

Solve for each variable.

$$20 \div y = -10$$

$$y = -2$$

$$28 \div 2d = 7$$

$$d = 2$$

$$e \div 5 = -2$$

$$e = -10$$

$$18 \div 3t = -3$$

$$t = -2$$

$$v \div 2 = 5$$

$$v = 10$$

$$36 \div 3v = -4$$

$$v = -3$$

$$t \div 3 = -4$$

$$t = -12$$

$$48 \div 4p = 4$$

$$p = 3$$

$$x \div 3 = 5$$

$$x = 15$$

$$-c \div 1 = -5$$

$$c = 5$$

$$60 \div 2y = -6$$

$$y = -5$$

$$-2g \div 2 = -11$$

$$g = 11$$

$$60 \div 2y = 10$$

$$y = 3$$

$$n \div 1 = -1$$

$$n = -1$$

$$12 \div e = 4$$

$$e = 3$$

$$-f \div 2 = -2$$

$$f = 4$$

$$20 \div 2n = 2$$

$$n = 5$$

$$x \div 1 = -2$$

$$x = -2$$

$$10 \div y = 5$$

$$y = 2$$

$$g \div 5 = 2$$

$$g = 10$$

$$-10 \div u = -5$$

$$u = 2$$