

Solving Algebraic Equations

Name: _____ Score: _____

Solve for each variable.

$$y + 2 = 5$$

$$e - 4 = 16$$

$$-w + 5 = -1$$

$$p - 2 = 9$$

$$3 - z = -3$$

$$f + 8 = 10$$

$$-2 - t = 2$$

$$-y + 2 = -1$$

$$9 - a = 1$$

$$y + 1 = 6$$

$$-3 - x = -1$$

$$t - 25 = -5$$

$$-2 + m = 1$$

$$r - 2 = -4$$

$$u - (-3) = 7$$

$$g + 5 = 20$$

$$-4 + x = 1$$

$$s - 4 = 0$$

$$4 - v = 6$$

$$q - 3 = 15$$

$$b + 2 = -1$$

Answers

Solve for each variable.

$$y + 2 = 5$$

$$y = 3$$

$$e - 4 = 16$$

$$e = 20$$

$$-w + 5 = -1$$

$$w = 6$$

$$p - 2 = 9$$

$$p = 11$$

$$3 - z = -3$$

$$z = 6$$

$$f + 8 = 10$$

$$f = 2$$

$$-2 - t = 2$$

$$t = -4$$

$$-y + 2 = -1$$

$$y = 3$$

$$9 - a = 1$$

$$a = 8$$

$$y + 1 = 6$$

$$y = 5$$

$$-3 - x = -1$$

$$x = -2$$

$$t - 25 = -5$$

$$t = 20$$

$$-2 + m = 1$$

$$m = 3$$

$$r - 2 = -4$$

$$r = -2$$

$$u - (-3) = 7$$

$$u = 4$$

$$g + 5 = 20$$

$$g = 15$$

$$-4 + x = 1$$

$$x = 5$$

$$s - 4 = 0$$

$$s = 4$$

$$4 - v = 6$$

$$v = -2$$

$$q - 3 = 15$$

$$q = 18$$

$$b + 2 = -1$$

$$b = -3$$