

Rewriting Expressions

Name: _____ Score: _____

Rewrite and express x in terms of the other variables.

$$c = x + (-12)$$

$$d = x + 6$$

$$x - g = b$$

$$v - x = 10$$

$$y - x = v$$

$$x - (-2) = z$$

$$x - a = c$$

$$u = x - a$$

$$x - z = k$$

$$x + 15 = y$$

$$x + 1 = c$$

$$x + z = r$$

$$m = x + u$$

$$t - x = -20$$

$$x + 8 = g$$

$$x - d = -2$$

$$x + a = c$$

$$v = x + h$$

$$j = x + (-12)$$

$$p = x + 2$$

$$x - f = y$$

Answers

Rewrite and express x in terms of the other variables.

$$c = x + (-12)$$

$$\textcolor{red}{x = c + 12}$$

$$d = x + 6$$

$$\textcolor{red}{x = d - 6}$$

$$x - g = b$$

$$\textcolor{red}{x = b + g}$$

$$v - x = 10$$

$$\textcolor{red}{x = v - 10}$$

$$y - x = v$$

$$\textcolor{red}{x = y - v}$$

$$x - (-2) = z$$

$$\textcolor{red}{x = z - 2}$$

$$x - a = c$$

$$\textcolor{red}{x = a + c}$$

$$u = x - a$$

$$\textcolor{red}{x = a + u}$$

$$x - z = k$$

$$\textcolor{red}{x = k + z}$$

$$x + 15 = y$$

$$\textcolor{red}{x = y - 15}$$

$$x + 1 = c$$

$$\textcolor{red}{x = c - 1}$$

$$x + z = r$$

$$\textcolor{red}{x = r - z}$$

$$m = x + u$$

$$\textcolor{red}{x = m - u}$$

$$t - x = -20$$

$$\textcolor{red}{x = t + 20}$$

$$x + 8 = g$$

$$\textcolor{red}{x = g - 8}$$

$$x - d = -2$$

$$\textcolor{red}{x = d - 2}$$

$$x + a = c$$

$$\textcolor{red}{x = c - a}$$

$$v = x + h$$

$$\textcolor{red}{x = v - h}$$

$$j = x + (-12)$$

$$\textcolor{red}{x = j + 12}$$

$$p = x + 2$$

$$\textcolor{red}{x = p - 2}$$

$$x - f = y$$

$$\textcolor{red}{x = f + y}$$