OS:05

Example 1: Solve

$$m + 2 = -5.5$$

$$m + 2 - 2 = -5.5 - 2$$

$$m = -7.5$$

Example 2: Solve

$$v - \frac{1}{2} = 1$$

$$v - \frac{1}{2} + \frac{1}{2} = 1 + \frac{1}{2}$$

$$v = \frac{3}{2} \text{ or } 1\frac{1}{2}$$

Solve each equation.

1)
$$b - \frac{3}{5} = -\frac{1}{5}$$

2)
$$n-2=\frac{1}{3}$$

3)
$$y + 1.5 = 2.3$$

4)
$$d + 3.2 = -5$$

5)
$$k + \frac{1}{2} = \frac{3}{2}$$

6)
$$g + \frac{3}{4} = -1$$

7)
$$t - 2.9 = 1.2$$

8)
$$z - 5 = -5.6$$

Answer key

Example 1: Solve

$$m + 2 = -5.5$$

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Example 2: Solve

$$v - \frac{1}{2} = 1$$

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$$v = \frac{3}{2} \text{ or } 1\frac{1}{2}$$

Solve each equation.

1)
$$b - \frac{3}{5} = -\frac{1}{5}$$

$$b = \frac{2}{5}$$

3)
$$y + 1.5 = 2.3$$

$$y = 0.8$$

5)
$$k + \frac{1}{2} = \frac{3}{2}$$

$$k = 1$$

7)
$$t - 2.9 = 1.2$$

$$t = 4.1$$

2)
$$n-2=\frac{1}{3}$$

$$n = \frac{7}{3} \text{ or } 2\frac{1}{3}$$

4)
$$d + 3.2 = -5$$

$$d = -8.2$$

6)
$$g + \frac{3}{4} = -1$$

$$g = -\frac{7}{4} \text{ or } -1\frac{3}{4}$$

8)
$$z - 5 = -5.6$$

$$z = -0.6$$