

Student Name: _____

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Solve the Two-Step Equations

$$2m + 3 = m - 3$$

$$\frac{a}{7} + \frac{1}{4} = \frac{5}{6}$$

$$\frac{18.62 + z}{2.01} = -1.2$$

$$\frac{v}{-8} = v + 4$$

$$-\frac{2}{3}\left(k + \frac{2}{5}\right) = \frac{5}{6}$$

$$b + 2.35 = 9.78 + 2b + 7.22$$

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Answers

$$2m + 3 = m - 3$$

$$m = -6$$

$$\frac{a}{7} + \frac{1}{4} = \frac{5}{6}$$

$$a = \frac{49}{12} \text{ or } 4\frac{1}{12}$$

$$\frac{18.62 + z}{2.01} = -1.2$$

$$z = -21.032$$

$$\frac{v}{-8} = v + 4$$

$$v = -\frac{32}{9} \text{ or } -3\frac{5}{9}$$

$$-\frac{2}{3}\left(k + \frac{2}{5}\right) = \frac{5}{6}$$

$$k = \frac{33}{20} \text{ or } 1\frac{13}{20}$$

$$b + 2.35 = 9.78 + 2b + 7.22$$

$$b = -14.65$$