

**One-Step Equations: Fractions**

Solve each equation. Verify your answer.

1)  $\frac{5}{8} = b + \frac{6}{5}$

2)  $\frac{7}{9} = \frac{4}{3}d$

3)  $\frac{m}{\left(-\frac{4}{7}\right)} = -\frac{7}{8}$

5)  $\frac{1}{4} = \frac{x}{\left(\frac{4}{3}\right)}$

7)  $-\frac{8}{5} = 1\frac{1}{2}a$

9)  $v + \frac{5}{9} = -\frac{4}{9}$

10)  $-\frac{10}{3} = \frac{t}{\left(3\frac{3}{5}\right)}$

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**One-Step Equations: Fractions**

Solve each equation. Verify your answer.

1)  $\frac{5}{8} = b + \frac{6}{5}$

**$b = -\frac{23}{40}$**

2)  $\frac{7}{9} = \frac{4}{3}d$

**$d = \frac{7}{12}$**

3)  $\frac{m}{\left(-\frac{4}{7}\right)} = -\frac{7}{8}$

**$m = \frac{1}{2}$**

5)  $\frac{1}{4} = \frac{x}{\left(\frac{4}{3}\right)}$

**$x = \frac{1}{3}$**

7)  $-\frac{8}{5} = 1\frac{1}{2}a$

**$a = -\frac{16}{15}$  or  $-1\frac{1}{15}$**

9)  $v + \frac{5}{9} = -\frac{4}{9}$

**$v = -1$**

10)  $-\frac{10}{3} = \frac{t}{\left(3\frac{3}{5}\right)}$

**$t = -12$**

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6

 **$-1\frac{1}{2}$** **or  $-6\frac{5}{7}$**