

Name : \_\_\_\_\_

## One-Step Equations: Fractions

Mixed Operations Level 1: S1

Solve each equation.

1)  $\frac{3}{7} + a = \frac{4}{7}$

2)  $-\frac{4}{3} = \frac{g}{\left(\frac{1}{2}\right)}$

3)  $-\frac{7}{6} = -\frac{1}{3}k$

4)  $\frac{9}{5} = r - \frac{8}{5}$

5)  $\frac{2}{3} = \frac{5}{3} + t$

6)  $-\frac{6}{7} = \frac{4}{5}z$

7)  $n - \frac{8}{9} = \frac{4}{9}$

8)  $\frac{3}{2} + x = -\frac{7}{2}$

9)  $\frac{6}{5} = \frac{d}{\left(\frac{5}{4}\right)}$

10)  $-\frac{1}{8}v = \frac{5}{2}$

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## Answer Key

### One-Step Equations: Fractions

Mixed Operations Level 1: S1

Solve each equation.

1)  $\frac{3}{7} + a = \frac{4}{7}$

**$a = \frac{1}{7}$**

2)  $-\frac{4}{3} = \frac{g}{\left(\frac{1}{2}\right)}$

**$g = -\frac{2}{3}$**

3)  $-\frac{7}{6} = -\frac{1}{3}k$

**$k = \frac{7}{2}$  or  $3\frac{1}{2}$**

4)  $\frac{9}{5} = r - \frac{8}{5}$

**$r = \frac{17}{5}$  or  $3\frac{2}{5}$**

5)  $\frac{2}{3} = \frac{5}{3} + t$

**$t = -1$**

6)  $-\frac{6}{7} = \frac{4}{5}z$

**$z = -\frac{15}{14}$  or  $-1\frac{1}{14}$**

7)  $n - \frac{8}{9} = \frac{4}{9}$

**$n = \frac{12}{9}$  or  $\frac{4}{3}$  or  $1\frac{1}{3}$**

8)  $\frac{3}{2} + x = -\frac{7}{2}$

**$x = -5$**

9)  $\frac{6}{5} = \frac{d}{\left(\frac{5}{4}\right)}$

**$d = \frac{3}{2}$  or  $1\frac{1}{2}$**

10)  $-\frac{1}{8}v = \frac{5}{2}$

**$v = -20$**