

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

## Two-Step Equations: Fractions

Sheet 1

Solve each equation. Verify your answer.

1)  $-p - 2\frac{1}{7} = -13$

2)  $\frac{3}{5} = \frac{7}{5} + \frac{c}{5}$

3)  $\frac{m}{\left(-\frac{3}{8}\right)} + \frac{3}{2} = -\frac{7}{3}$

5)  $\frac{4}{9}\left(r - \frac{7}{8}\right) = -\frac{9}{4}$

7)  $4\frac{5}{7} = -\frac{1}{3} + \frac{8}{7}$

9)  $\frac{2}{3}v - 8 = \frac{5}{3}$

10)  $-\frac{3}{4} + \frac{5}{4}x = \frac{1}{4}$

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**Two-Step Equations: Fractions**

Solve each equation. Verify your answer.

1)  $-p - 2\frac{1}{7} = -13$

2)  $\frac{3}{5} = \frac{7}{5} + \frac{c}{5}$

**$p = \frac{76}{7}$  or  $10\frac{6}{7}$**

**$c = -4$**

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

**$m = 1$**

5)  $\frac{4}{9}(r - \frac{7}{8}) = -\frac{9}{4}$

**$r = -\frac{67}{16}$  or  $-4\frac{3}{8}$**

7)  $4\frac{5}{7} = -\frac{1}{3} + \frac{8}{7}$

**$d = \frac{53}{12}$  or  $4\frac{5}{12}$**

**$t = \frac{-5}{5}$  or  $2\frac{3}{5}$**

9)  $\frac{2}{3}v - 8 = \frac{5}{3}$

10)  $-\frac{3}{4} + \frac{5}{4}x = \frac{1}{4}$

**$v = \frac{29}{2}$  or  $14\frac{1}{2}$**

**$x = \frac{4}{5}$**

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