

Name : _____

One-Step Equations: Fractions

Mixed Operations Level 2: S3

Solve each equation.

1) $\frac{7}{2} = 2\frac{1}{3}k$

2) $\frac{9}{8} = a + 6$

3) $\frac{y}{(-3\frac{6}{7})} = \frac{7}{9}$

5) $\frac{9}{5} = \frac{t}{(\frac{8}{3})}$

7) $-\frac{3}{8}u = -\frac{9}{4}$

9) $-\frac{4}{5} = \frac{p}{(\frac{1}{8})}$

10) $-4\frac{2}{3}x = 5\frac{5}{6}$

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One-Step Equations: Fractions

Solve each equation.

1) $\frac{7}{2} = 2\frac{1}{3}k$

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

2) $\frac{9}{8} = a + 6$

$a = -\frac{39}{8} \text{ or } -4\frac{7}{8}$

3) $\frac{y}{(-3\frac{6}{7})} = \frac{7}{9}$

$y = -3$

5) $\frac{9}{5} = \frac{t}{(\frac{8}{3})}$

$t = \frac{24}{5} \text{ or } 4\frac{4}{5}$

7) $-\frac{3}{8}u = -\frac{9}{4}$

$u = 6$

9) $-\frac{4}{5} = \frac{p}{(\frac{1}{8})}$

$p = -\frac{1}{10}$

10) $-4\frac{2}{3}x = 5\frac{5}{6}$

$x = -\frac{5}{4} \text{ or } -1\frac{1}{4}$

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