

Name : _____

One-Step Equations: Fractions

Mixed Operations Level 2: S2

Solve each equation.

1) $\frac{p}{\left(\frac{76}{7}\right)} = 5\frac{3}{5}$

2) $s - 8 = -6\frac{3}{4}$

3) $\frac{3}{4} = w - \frac{7}{6}$

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

7) $2\frac{1}{6} = 1 + t$

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

10) $-1\frac{1}{8} = \frac{u}{\left(-2\frac{2}{3}\right)}$

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One-Step Equations: Fractions

Solve each equation.

1) $\frac{p}{\left(7\frac{6}{7}\right)} = 5\frac{3}{5}$

$p = 44$

2) $s - 8 = -6\frac{3}{4}$

$s = \frac{5}{4}$ or $1\frac{1}{4}$

3) $\frac{3}{4} = w - \frac{7}{6}$

$w = \frac{23}{12}$ or $1\frac{11}{12}$

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

$b = -\frac{6}{5}$ or $-\frac{6}{5}$

7) $2\frac{1}{6} = 1 + t$

$t = \frac{7}{6}$ or $1\frac{1}{6}$

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

$d = \frac{13}{2}$ or $6\frac{1}{2}$

10) $-1\frac{1}{8} = \frac{u}{\left(-2\frac{2}{3}\right)}$

$u = 3$

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 $\frac{8}{3}$ **or $-1\frac{19}{21}$**