

Name : _____

One-Step Equations: Fractions

Add/Sub Level 2: S3

Solve each equation.

1) $\frac{7}{2} + a = \frac{8}{9}$

2) $\frac{1}{6} = x - \frac{1}{4}$

3) $6\frac{4}{5} = \frac{2}{3} + g$

5) $m - 2\frac{6}{7} = \frac{7}{4}$

7) $-15 = r - 4\frac{2}{3}$

9) $1 + v = \frac{9}{5}$

10) $c - 3\frac{5}{8} = \frac{1}{6}$

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$-\frac{8}{3}$

$\frac{3}{5}$

$+8\frac{1}{2}$

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Answer Key

One-Step Equations: Fractions

Add/Sub Level 2: S3

Solve each equation.

1) $\frac{7}{2} + a = \frac{8}{9}$

$a = -\frac{47}{18}$ or $-2\frac{11}{18}$

2) $\frac{1}{6} = x - \frac{1}{4}$

$x = \frac{5}{12}$

3) $6\frac{4}{5} = \frac{2}{3} + g$

$g = \frac{92}{15}$ or $6\frac{8}{15}$

5) $m - 2\frac{6}{7} = \frac{7}{4}$

$m = \frac{129}{28}$ or $4\frac{9}{28}$

7) $-15 = r - 4\frac{2}{3}$

$r = -\frac{31}{3}$ or $-10\frac{1}{3}$

9) $1 + v = \frac{9}{5}$

$v = \frac{4}{5}$

10) $c - 3\frac{5}{8} = \frac{1}{6}$

$c = \frac{91}{24}$ or $3\frac{19}{24}$

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