

**Multi-Step Equations: Fractions**

Solve each equation.

1)  $\frac{3}{7}(4w + 4) = \frac{3}{7} - w$

2)  $48 = 16\left(2 + \frac{2}{3}s\right)$

3)  $\frac{5}{4} + \frac{3}{8}v - (-$

**PREVIEW**

$\frac{5}{8}a + 5$

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5)  $1\frac{1}{2} - \frac{3}{4}p = \frac{1}{2}$

$\frac{5}{3}y + \frac{7}{3}$

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7)  $\frac{3}{4}(6 + g) = \frac{4}{5}g + 1$

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

**Multi-Step Equations: Fractions**

Solve each equation.

1)  $\frac{3}{7}(4w + 4) = \frac{3}{7} - w$

2)  $48 = 16\left(2 + \frac{2}{3}s\right)$

$w = -\frac{9}{19}$

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

3)  $\frac{5}{4} + \frac{3}{8}v - (-$

**PREVIEW**

$\frac{5}{8}a + 5$

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$v = 26$

5)  $1\frac{1}{2} - \frac{3}{4}p = \frac{1}{2}$

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$\frac{5}{3}y + \frac{7}{3}$

$p = -\frac{20}{3} \text{ or } -$

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7)  $\frac{3}{4}(6 + g) = \frac{4}{5}g + 1$

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

$g = 70$

$q = -\frac{9}{5} \text{ or } -1\frac{4}{5}$