

Two-Step Equations: Fractions

Solve each equation.

$$1) \frac{1}{6}a - \frac{13}{5} = \frac{7}{3}a$$

$$2) \frac{m}{\left(\frac{-4}{3}\right)} + \frac{7}{4} = -\frac{2}{7}$$

$$3) \frac{3}{8} = \frac{1}{8} + \frac{c}{8}$$

$$5) \frac{6}{7} = \frac{3+t}{4}$$

$$7) \frac{9}{2} = 15 + \frac{8}{3}u$$

$$9) -\frac{5}{7} + \frac{4}{7}x = \frac{8}{7}$$

$$10) \frac{4}{5}v - 9 = \frac{1}{7}$$

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Two-Step Equations: Fractions

Solve each equation.

1) $\frac{1}{6}a - \frac{13}{5} = \frac{7}{3}a$

$a = -\frac{6}{5} \text{ or } -1\frac{1}{5}$

2) $\frac{m}{\left(\frac{-4}{3}\right)} + \frac{7}{4} = -\frac{2}{7}$

$m = \frac{19}{7} \text{ or } -2\frac{5}{7}$

3) $\frac{3}{8} = \frac{1}{8} + \frac{c}{8}$

$c = 2$

5) $\frac{6}{7} = \frac{3+t}{4}$

$t = \frac{3}{7}$

7) $\frac{9}{2} = 15 + \frac{8}{3}u$

$u = -\frac{63}{16} \text{ or } -3\frac{15}{16}$

9) $-\frac{5}{7} + \frac{4}{7}x = \frac{8}{7}$

$x = \frac{13}{4} \text{ or } 3\frac{1}{4}$

10) $\frac{4}{5}v - 9 = \frac{1}{7}$

$v = \frac{80}{7} \text{ or } 11\frac{3}{7}$

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