

Multi-Step Equations: Fractions

Solve each equation.

1) $\frac{1}{4}u + 4\frac{1}{2} - \frac{4}{5} - 1 = 4$

2) $\frac{9c + 7}{6} = \frac{1}{4}(2 + c)$

3) $\frac{8}{3}(4 + z) = \frac{5z}{2}$

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5) $42 = 14\left(4 + \frac{4}{5}\right)$

$\frac{1}{3} - d$

7) $\frac{4}{9}(u + 3) = \frac{u + 13}{8}$

8) $9\left(b - \frac{2}{9}\right) = \frac{3}{5}b + 2\frac{1}{5}$