

Multi-Step Equations | Fractions

Solve each equation.

1) $5\left(2b + \frac{1}{3}\right) = 7b + 11$

$b =$ _____

2) $\frac{9}{7}(1 + x) - \frac{6}{7}x + 1 = 1$

$x =$ _____

3) $\frac{7}{8}t - \frac{4}{7} = \frac{5}{6}t - \frac{3}{4}$

$t =$ _____

4) $\frac{8}{5} + 3z = 10z - 4$

$z =$ _____

5) $\frac{3}{2}h - 10 = 4h$

$h =$ _____

6) $\frac{3 + 4n}{4} = \frac{8}{4}n$

$n =$ _____

7) $\frac{u - 5}{8} = 2u - 1$

$u =$ _____

8) $6v + \frac{4}{9} = 4\left(\frac{1}{2} + v\right)$

$v =$ _____