

# Two-Step Equations | Solve and Verify

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Solve each equation and verify your answer.

1)  $\frac{5}{8}a + \frac{7}{4} = 9a$

$a =$  \_\_\_\_\_

2)  $-3q + 20 = 2q$

$q =$  \_\_\_\_\_

3)  $-6.1 - 0.2z = 7.2$

$z =$  \_\_\_\_\_

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

$x =$  \_\_\_\_\_

5)  $9.5m - 8.2 = 7$

$m =$  \_\_\_\_\_

6)  $6t + 13 = 5t - 2$

$t =$  \_\_\_\_\_

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

$v =$  \_\_\_\_\_

8)  $-5 = \frac{k-6}{2}$

$k =$  \_\_\_\_\_

9)  $-5.6 = 2.4 + 0.8u$

$u =$  \_\_\_\_\_

10)  $7\frac{1}{4} = -\frac{1}{4}c + \frac{5}{4}$

$c =$  \_\_\_\_\_