

# Multi-Step Equations | Decimals

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Solve each equation.

1)  $8(6.9c - 0.7 + 1.1c) = 7.2$

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

2)  $8 + 1.7r = -2r - 4 - 0.3r$

$r =$  \_\_\_\_\_

3)  $-7(y + 0.5) = 5.5 - 2y$

$y =$  \_\_\_\_\_

4)  $5 = \frac{6k - 2.8}{k + 1.2}$

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

5)  $3(9.3 - 1.6v) = 9(-0.7v + 3.8)$

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

6)  $u - 8.1 = 4.3 - (u - 8)$

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

7)  $\frac{7.5(2a - 2.2)}{3} = 10$

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

8)  $9.6 - (8.2 + 0.5n) = 3.5n - 2.6$

$n =$  \_\_\_\_\_