



Solving Multi Step Equations

Name _____

Score _____

MS:09

Solve each equation. Round the answers to the nearest two decimal places.

1) $-3.2(2v - 5.5) + 9 = -4.3$

2) $\frac{2.5(3g + 5)}{2} + 1.9 = 4.4$

3) $3(6t + 1.2) + 3.5(t - 2.3) = 5.6 - t$

4) $\frac{8(k + 0.5)}{5} = \frac{2(3.6 - k)}{3}$

5) $\frac{3(-u - 4.1)}{1.8} + 7.9 = 3.4$

6) $\frac{y}{2.7} + 2 + 0.6y = 4.8 - 1.9y$

7) $3.8z + 7 - 5z - 4.5 = 7.1 + 0.2z - 2$

8) $2.5(6m + 1) + 1.1 - 2(m - 5.5) = 0$



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Answer key

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Solve each equation. Round the answers to the nearest two decimal places.

1) $-3.2(2v - 5.5) + 9 = -4.3$

$v = 4.83$

3) $3(6t + 1.2) + 3.5(t - 2.3) = 5.6 - t$

$t = 0.45$

5) $\frac{3(-u - 4.1)}{1.8} + 7.9 = 3.4$

$u = -1.4$

7) $3.8z + 7 - 5z - 4.5 = 7.1 + 0.2z - 2$

$z = -1.86$

2) $\frac{2.5(3g + 5)}{2} + 1.9 = 4.4$

$g = -1$

4) $\frac{8(k + 0.5)}{5} = \frac{2(3.6 - k)}{3}$

$k = 0.76$

6) $\frac{y}{2.7} + 2 + 0.6y = 4.8 - 1.9y$

$y = 0.98$

8) $2.5(6m + 1) + 1.1 - 2(m - 5.5) = 0$

$m = -1.12$