

## Quiz 1.3 &amp; 1.4 REVIEW

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**Solve each equation. Show your work!**

1)  $1 - 7(5n + 5) = -139$

2)  $-96 = -6(8 + 2a)$

3)  $\frac{5}{2}\left(-\frac{7}{2}x + \frac{7}{3}\right) = \frac{455}{12}$

4)  $\frac{8}{3}\left(\frac{7}{2}v - 2\right) - \frac{10}{3} = -\frac{110}{3}$

5)  $-3 + 4(a + 1) = 4a + 18$

6)  $4(5 + 4x) = -2(-5x - 1)$

7)  $\left|\frac{k}{6}\right| = 1$

8)  $|k - 10| = 9$

9)  $|6x - 4| = 46$

10)  $|-7 - 2m| = 7$

## Answers to Quiz 1.3 & 1.4 REVIEW

1)  $\{3\}$

2)  $\{4\}$

3)  $\left\{-\frac{11}{3}\right\}$

4)  $\{-3\}$

5) No solution.

6)  $\{-3\}$

7)  $\{6, -6\}$

8)  $\{19, 1\}$

9)  $\left\{\frac{25}{3}, -7\right\}$

10)  $\{-7, 0\}$