

Name: _____ Date _____

Assignment 1: Solving multi-step equations.

Classwork: Solve each equation. Show all work for full credit.

1. $3x - 2 = -5$

7. $6 = -12 + \frac{h}{-7}$

2. $5 - 9w = 23$

8. $\frac{z-7}{5} = -3$

3. $2d - 7 = 5$

9. $\frac{2t-5}{-9} = 7$

4. $\frac{3}{2}a - 8 = 7$

Define a variable, write an equation, and solve each problem.

10. Twelve decreased by twice a number is -7.
Find the number.

5. $7 = \frac{c}{-5} + 3$

11. Find four consecutive integers whose sum is 86.

6. $\frac{g}{8} - 6 = -12$