

Name \_\_\_\_\_ Date \_\_\_\_\_

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### Solving Two-Step Equations Worksheet

#### Lesson Objectives

to solve two-step equations

Solve each equation and check your solution. You may use Algebra Lab Gear, be sure to show all steps.

1.  $3x + 5 = 2$   
 $-5 = -5$   
 $\frac{3x}{3} = \frac{-3}{3}$   
 $x = -1$

2.  $2x - 3 = 1$

3.  $-x + 4 = 1$

4.  $4y - 6 = -18$

5.  $-9 = -2y - 1$

6.  $-3x + 6 = 12$

7.  $7 - 3y = 22$

8.  $-10 = -4 + 2x$

9.  $12 - 6y = 24$

10.  $10 = 3x - 5$

11.  $-9 = 7 - x$

12.  $10 = 4 - 2x$

13.  $9 - 2x = 15$

14.  $-14 = 6 - 4x$

15.  $2 = 5y - 8$

16.  $7y - 4 = -11$

17.  $8 - 3x = -13$

18.  $4x + 3 = 19$