

Two-Step Equations

Practice Worksheet

Name: _____

Date: _____

Show the inverse operations and check your answer by substitution.

1
$$-5y + 8 = -7$$

2
$$\frac{m}{4} + 8 = 10$$

3
$$\frac{a}{-3} - 6 = -1$$

4
$$3n - 10 = 5$$

5
$$\frac{x}{10} + 4 = 10$$

6
$$\frac{1}{3}c - 7 = 1$$

7 Michelle is a server in a restaurant. On a weekend night, Michelle earned \$4 an hour and \$65 in tips. She made a total of \$93. Write and solve an equation to determine how many hours she worked.

8 On Monday, Ken spent half of his money on a new game. The next day he earned \$12 mowing lawns. He now has \$32. How much money did Ken have before bought the game?