

Name: _____ Date: _____ Class: _____

Lesson 6.2: Solve two steps equations Page 297

How to solve two-step Equations ?

1) Undo **+** and **-**

2) Undo **×** and **÷**

Solve each equation. Check your solution. (Examples 1–4)

5.
 $-6x - 7 = 17$

6.
 $-5 = 3x - 14$

7.
 $3.8 = 2x - 11.2$

8.
 $5x - 3.3 = 7.2$

9.
 $1.3x + 1.5 = 5.4$

10.
 $2 + \frac{1}{6}x = -4$

11.
 $-\frac{1}{2}x - 7 = 18$

12.
 $-9 = \frac{2}{7}x + 5$

Test Practice

13. Open Response The table shows the costs of a membership and fruit baskets at a discount warehouse club. Mrs. Williams paid a total of \$105 for her annual membership fee and several fruit baskets as gifts for her coworkers. Solve the equation $15x + 30 = 105$ to find the number of fruit baskets Mrs. Williams purchased.

Item	Cost (\$)
Membership Fee	30
Fruit Basket	15

5 fruit baskets