

Algebra I  
Review for Quiz #7

NAME: \_\_\_\_\_  
DATE: \_\_\_\_\_ HOUR: \_\_\_\_\_

You may use a calculator on the quiz and this review.

**Part I. For each equation, solve for x. Show your work. Box and check each solution.**

1.  $8x = -6.4$

2.  $x - 6 = -109$

3.  $x - 13 = 7$

4.  $x + 18 = 15$

5.  $\frac{x}{-2} = 13$

6.  $18x = 54$

7.  $7x = -98$

8.  $\frac{x}{3} = -49$

9.  $22 + x = 123$

10.  $\frac{x}{-2} = -41$

11.  $\frac{x}{3} = 85$

12.  $-10x = -150$

13.  $7x = 602$

14.  $x + 103 = -10$

15.  $x - 17 = -27$

16.  $\frac{x}{10} = -81$

17.  $x + 10 = -514$

18.  $\frac{x}{15} = 7$

**Part II. Completion.**

1. You solve addition equations by using \_\_\_\_\_.
2. You solve a multiplication equation by dividing both sides by the \_\_\_\_\_.
3. You solve division equations by using \_\_\_\_\_.
4. If both sides of an equation are \_\_\_\_\_ by or \_\_\_\_\_ by the same number, both sides of the equation remain equal.
5. You solve subtraction equations by using \_\_\_\_\_.
6. To solve a one-step equation, use the \_\_\_\_\_ operation.