

Pretest

Solve each equation. Check your solution.

1. $x + 7 = 12$

1. _____

2. $x + 9 = 2$

2. _____

3. $x - 4 = 5$

3. _____

4. $36 = 9x$

4. _____

5. $-3a = 15$

5. _____

6. $\frac{b}{-3} = -7$

6. _____

7. $12 = 0.3n$

7. _____

8. $\frac{2}{3}x = \frac{8}{15}$

8. _____

9. $4x + 6 = 10$

9. _____

10. $3x - 10 = 5x + 20$

10. _____

Find the multiplicative inverse, or reciprocal, of each number.

11. $\frac{3}{7}$

11. _____

12. $3\frac{1}{4}$

12. _____

Write an inequality and solve each problem.

13. Five more than a number is at most eleven.

13. _____

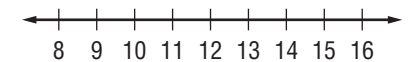
14. The product of a number and 2 is at least twenty.

14. _____

Solve each inequality. Graph the solution on a number line.

15. $x - 3 \leq 9$

15. _____



16. $-5m > 20$

16. _____

