

I. Solve each equation.

1) $2 = \frac{n}{17}$

2) $228 = 19r$

II. Solve each equation.

3) $7v - 4v = -24$

4) $1 - 7b + 5 = 13$

III. Solve each equation.

5) $6 + 2v = 4v - 6$

6) $-12 + 2n = n - 6$

IV. Solve each equation.

7) $-27 + 5x = 4(5 + 8x) + 7$

8) $4(1 - 8r) = -27 - r$

V. Solve each equation.

9) $3n - 1 - 3n = -5$

10) $0 = 8r - 8r$

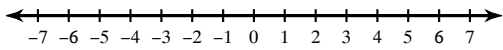
VI. Solve each equation.

11) $7|n - 1| = 49$

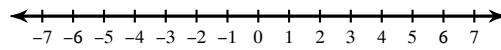
12) $|5n| + 8 = 38$

VIII. Draw a graph for each inequality.

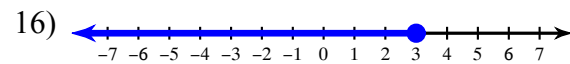
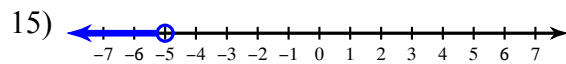
13) $x \geq -4$



14) $n < -5$



IX. Write an inequality for each graph.



X. Write an equation or inequality for each.

17) The difference of 3 times a number and n is 17.

18) One-half of a number z is less than the sum of z and 7.

19) Thirteen is at least five more than x squared.

20) Forty-two is seven less than y.