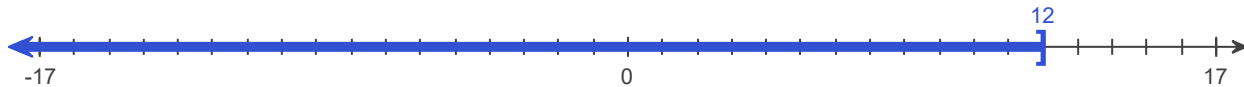1. Write the graphed solution set in interval notation.
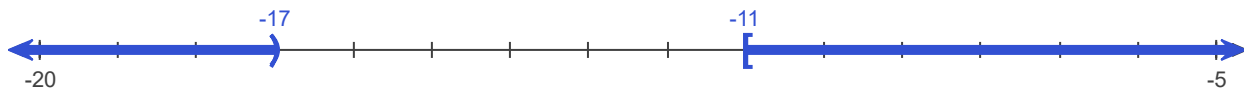

The solution set is _____ . (Type your answer in interval notation.)

2. Write the graphed solution set in interval notation.

The solution set is _____ . (Type your answer in interval notation.)

3. Write the graphed solution set in interval notation.

The solution set is _____ . (Type your answer in interval notation.)

4. Solve the quadratic inequality. Write the solution set in interval notation.

$(x - 3)(x - 1) \leq 0$

The solution is _____ . (Type your answer in interval notation.)

5. Solve the quadratic inequality.

$x^2 - 2x - 3 \leq 0$

The solution set is _____ .
(Type your answer in interval notation.)

6. Solve the quadratic inequality.

$(x + 4)(x + 2) > 0$

The solution set is _____ .
(Type your answer in interval notation.)

7. Solve the quadratic inequality.

$5x^2 + 19x < -14$

The solution set is _____ .
(Type your answer in interval notation.)

1. $[-7, 2)$

2. $(-\infty, 12]$

3. $(-\infty, -17) \cup [-11, \infty)$

4. $[1, 3]$

5. $[-1, 3]$

6. $(-\infty, -4) \cup (-2, \infty)$

7. $\left(-\dfrac{14}{5}, -1 \right)$