Learning Goal 5.4 Practice

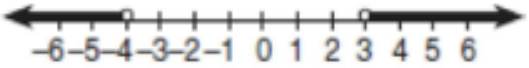
1)

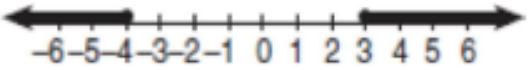
What is the solution of the inequality $x^2 - x - 6 < 0$?

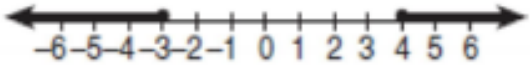
1) $-3 < x < -2$
2) $-2 < x < 3$
3) $1 < x < 6$
4) $-3 < x < 2$

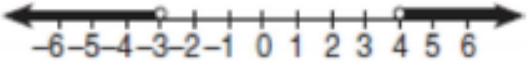
2)

Which graph represents the solution set for $x^2 + x > 12$?

1) 

2) 

3) 

4) 

3)

Which inequality is represented by the graph below?

1) $x^2 - 2x - 15 > 0$
2) $x^2 - 2x - 15 < 0$
3) $x^2 - 2x - 15 \leq 0$
4) $x^2 + 2x - 15 < 0$

4)

The solution set of the inequality $x^2 - 3x > 10$ is