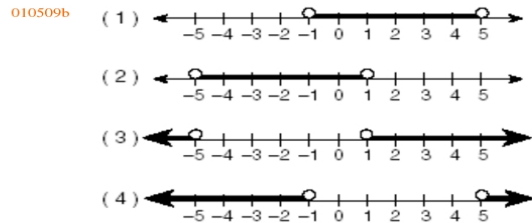
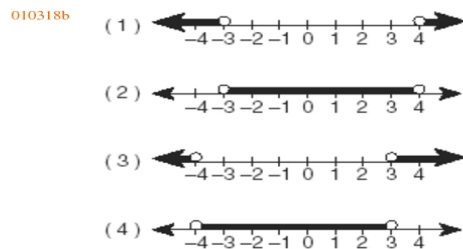


Name: _____

- 1 Which graph represents the solution set of the inequality $x^2 - 4x - 5 < 0$?



- 2 Which graph represents the solution set of $x^2 - x - 12 < 0$?



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

010904b

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

- 4 What is the solution set of the inequality $x^2 + 4x - 5 < 0$?

080713b

(1) $\{x | x < -1 \text{ or } x > 5\}$ (3) $\{x | -1 < x < 5\}$
(2) $\{x | x < -5 \text{ or } x > 1\}$ (4) $\{x | -5 < x < 1\}$

- 5 When a baseball is hit by a batter, the height of the ball, $h(t)$, at time t , $t \geq 0$, is determined by the equation $h(t) = -16t^2 + 64t + 4$. For which interval of time is the height of the ball greater than or equal to 52 feet?
- 010231b