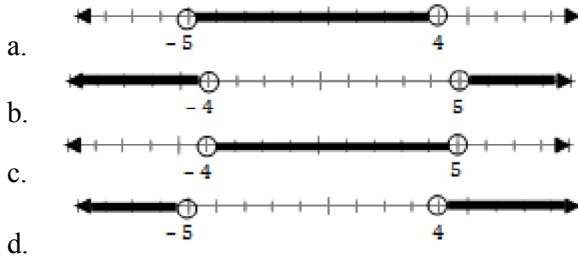


Unit 03-07 Quiz

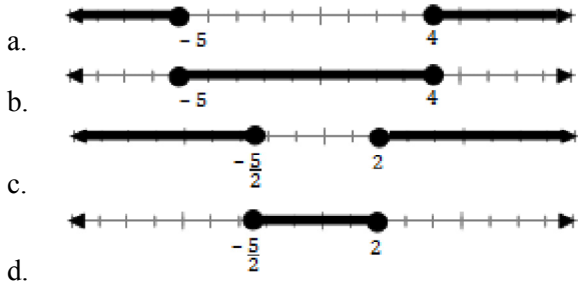
Multiple Choice

Identify the choice that best completes the statement or answers the question.

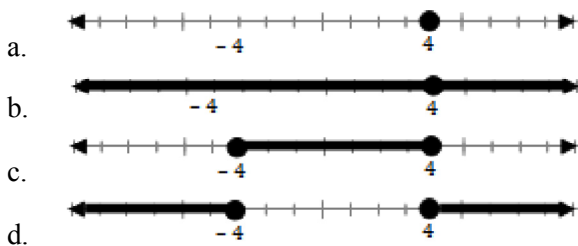
- ____ 1. Which graph correctly depicts the solution set to the following inequality?
 $x^2 - 1x - 20 < 0$



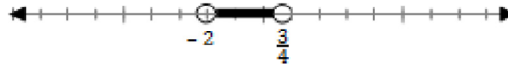
- ____ 2. Which graph correctly depicts the solution set to the following inequality?
 $2x^2 + x - 10 \leq 0$



- ____ 3. Which graph correctly depicts the solution set to the following inequality?
 $x^2 \leq 16$

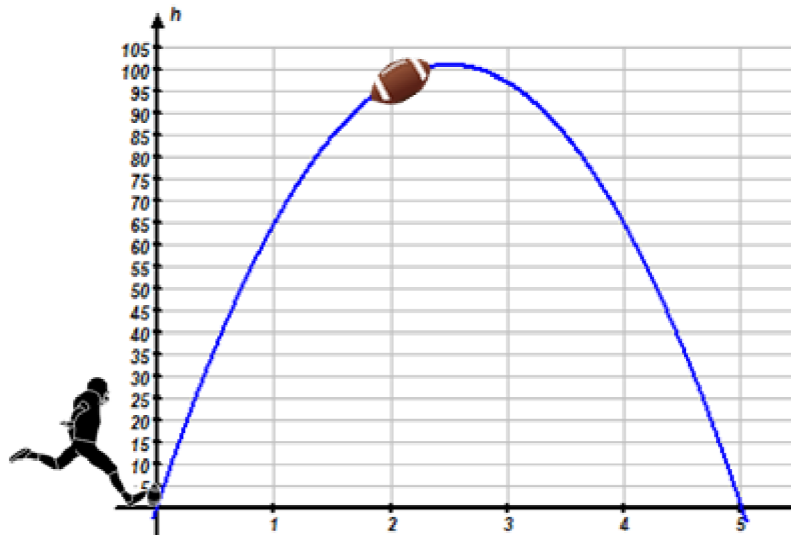


4. Which inequality has solutions that would be best represented by the graph shown?



- a. $(x + 2)(4x - 3) > 0$
- b. $(x + 2)(4x - 3) < 0$
- c. $(x - 2)(4x + 3) > 0$
- d. $(x - 2)(4x + 3) < 0$

5. A football player punts a football such that the graph at the right shows the height of the ball in feet, t seconds after it had been kicked.



Which graph below best describes the time at which the ball was higher than 65 feet?

- a.
- b.
- c.
- d.