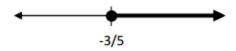
Date:

Circle the one best answer. Justify your answer by showing all work below.

- 56. If the zeros of a quadratic function are -5 and 3, one possible quadratic function having these zeros is:
 - A. f(x) = (x-5)(x+3) B. $f(x) = x^2 2x 15$ C. $f(x) = 2x^2 4x 30$

- D. $f(x) = x^2 + 2x 15$ E. $f(x) = x^3 + 2x^2 15x$
- 57. Given:



This is an illustration of the solution set for which inequality below?

- A. $-5x \le 3$ B. -5x > 3 C. $5x \le -3$ D. 5x > -3 E. $-5x \ge -3$

- 58. Solve the equation $7^{5x} \cdot 7^{-3} = 1$ for x.
- A. $\frac{4}{5}$ B. $\frac{3}{5}$ C. $\frac{1}{49}$ D. 1 E. 49
- 59. After a 12% reduction, the sale price of a pair of flip-flops was \$9.46. Before the reduction, the original price was
 - A. \$8.32
- B. \$9.34
- C. \$9.58 D. \$10.75
- E. \$10.88
- 60. If the coordinates of one endpoint of a line segment are (3,-4) and the midpoint of the segment has coordinates (-1,2), what are the coordinates of the other endpoint of the segment?
 - A. (7,-10) B. (-2,3) C. (1,-1) D. (2,-3) E. (-5,8)