

Name \_\_\_\_\_

Justify your answer #5



Use the two functions below to answer the question.

**Function A**

$$y = \frac{1}{4}x - \frac{2}{3}$$

**Function B**

x	y
2	-8
4	-9
6	-10
8	-11

Which statement about the slopes of the functions is true?

- A. The slopes of both functions are negative.
- B. The slopes of both functions are positive.
- C. The slope of function A is negative and the slope of function B is positive.
- D. The slope of function A is positive and the slope of function B is negative.

Write an explanation proving why your answer choice is correct. Be specific and show all work.

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