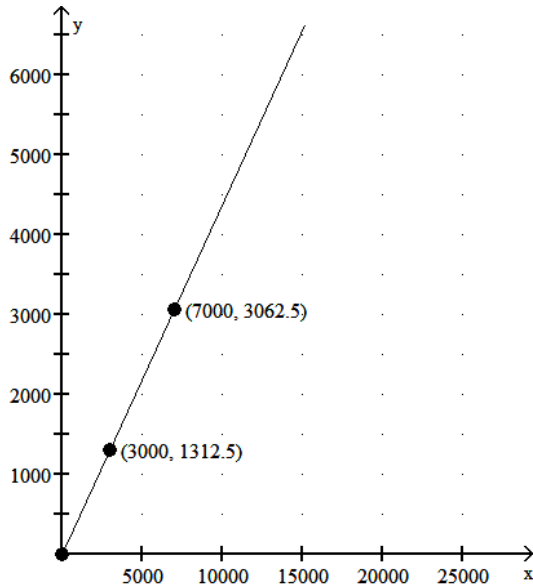


Slope 3

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

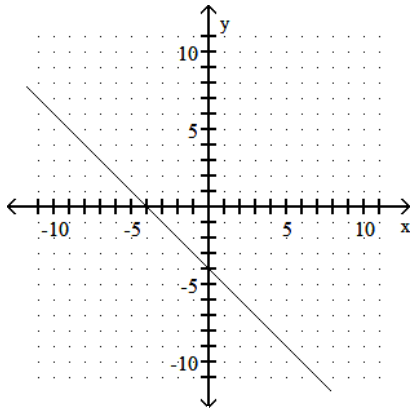
Find the slope of the line and write the slope as a rate of change. Don't forget to attach the proper units.

- 1) The graph shows the total cost y (in dollars) of owning and operating a mini-van where x is the number of miles driven. 1) _____



Find the slope of the line if it exists.

- 2) 2) _____



Find the slope of the line that passes through the given points.

- 3) $(2, -7)$ and $(2, 6)$ 3) _____
- 4) $(2, 5)$ and $(6, -3)$ 4) _____
- 5) $(18, -1)$ and $(-2, -8)$ 5) _____
- 6) $(-1, 10)$ and $(8, 10)$ 6) _____
- 7) $(7, -5)$ and $(-1, -1)$ 7) _____

Answer Key

Testname: UNTITLED1

1) \$0.44 per mile

2) -1

3) undefined

4) -2

5) $\frac{7}{20}$

6) 0

7) $-\frac{1}{2}$