

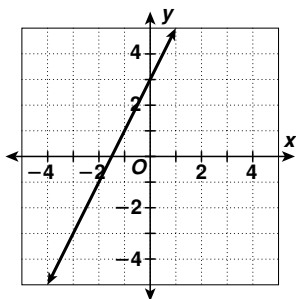
LESSON **12-2 Practice B** **Slope of a Line**

Find the slope of the line that passes through each pair of points.

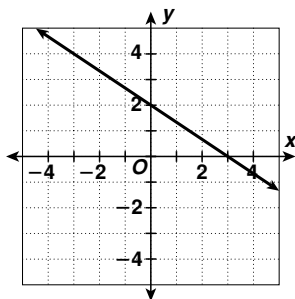
1. $(-2, -8), (1, 4)$ 2. $(-2, 0), (0, 4)$ 3. $(0, 4), (4, 4)$ 4. $(3, -6), (2, -4)$
5. $(-3, 4), (3, -4)$ 6. $(3, 0), (0, -6)$ 7. $(3, 2), (3, -2)$ 8. $(-4, 4), (3, -1)$

Determine whether each graph shows a constant or variable rate of change. Explain your reasoning.

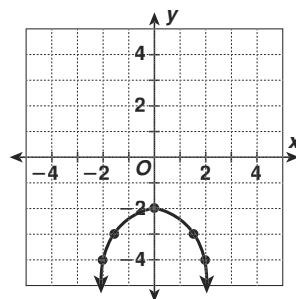
9.



10.

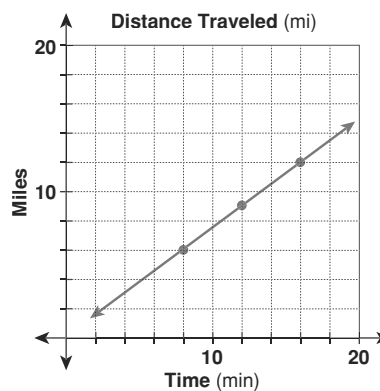


11.



12. The table shows the distance Ms. Long had traveled as she went to the beach. Use the data to make a graph. Find the slope of the line and explain what it shows.

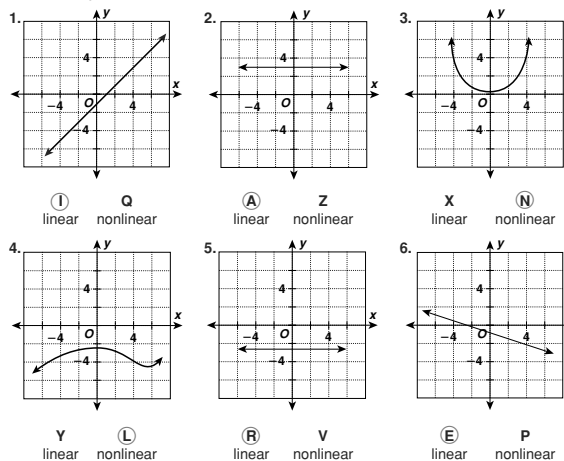
Time (min)	Distance (mi)
8	6
12	9
16	12
20	15



LESSON 12-1 Puzzles, Twisters & Teasers

12-1 Straight and Narrow?

Decide whether each graph is linear or nonlinear. Circle the letter above your answer. Use the letters to solve the riddle.



What do you call a dancing sheep?

A B $\frac{A}{2}$ $\frac{A}{2}$ - $\frac{L}{4}$ $\frac{L}{4}$ $\frac{E}{6}$ $\frac{R}{5}$ $\frac{I}{1}$ $\frac{N}{3}$ $\frac{A}{2}$



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LESSON Practice A

12-2 Slope of a Line

Find the slope of the line that passes through each pair of points.

1. (1, 0), (2, 4)

2. (6, 2), (2, -2)

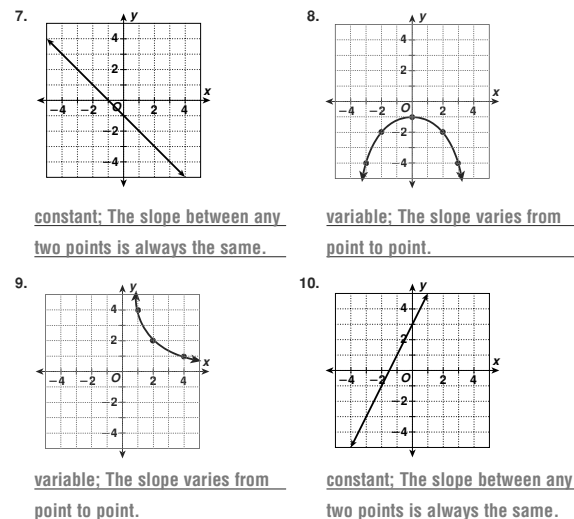
3. (-1, 1), (4, 4)

4. (-7, 4), (2, 1)

5. (5, -3), (-2, -3)

6. (-3, 2), (2, 7)

Determine whether each graph shows a constant or variable rate of change. Explain your reasoning.



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LESSON Practice B

12-2 Slope of a Line

Find the slope of the line that passes through each pair of points.

1. (-2, -8), (1, 4)

2. (-2, 0), (0, 4)

3. (0, 4), (4, 4)

4. (3, -6), (2, -4)

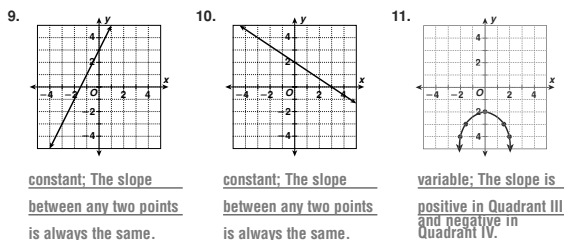
5. (-3, 4), (3, -4)

6. (3, 0), (0, -6)

7. (3, 2), (3, -2)

8. (-4, 4), (3, -1)

Determine whether each graph shows a constant or variable rate of change. Explain your reasoning.



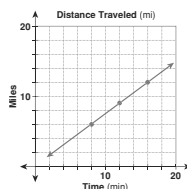
12. The table shows the distance Ms. Long had traveled as she went to the beach. Use the data to make a graph. Find the slope of the line and explain what it shows.

The slope is $\frac{3}{4}$, which means

that for every 4 minutes Ms. Long drives, she travels 3 miles.

She is driving 45 mph.

Time (min)	Distance (mi)
8	6
12	9
16	12
20	15



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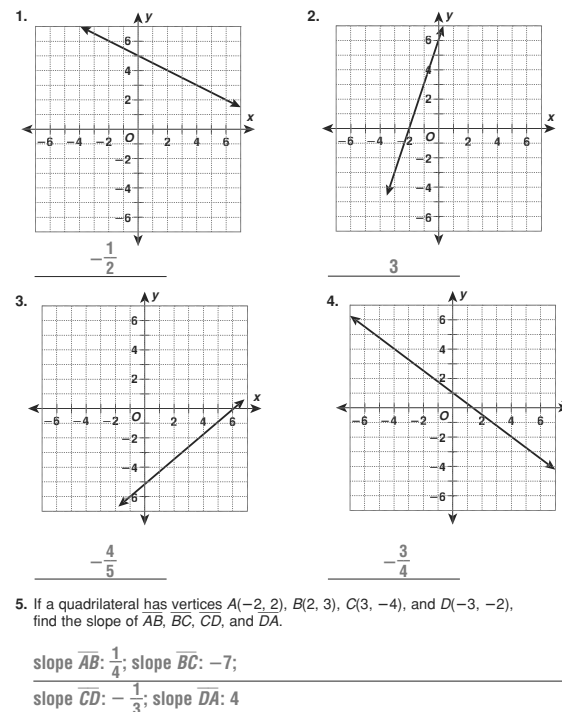
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LESSON Practice C

12-2 Slope of a Line

For exercises 1-4, use the graph to find the slope of the line.



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