



## GUIDED PRACTICE

1. **Vocabulary** The *slope* of any nonvertical line is \_\_\_\_? \_\_\_\_\_. (*positive or constant*)

SEE EXAMPLE 1

2. The table shows the volume of gasoline in a gas tank at different times. Find the rate of change for each time interval. During which time interval did the volume decrease at the greatest rate?

Time (h)	0	1	3	6	7
Volume (gal)	12	9	5	1	1

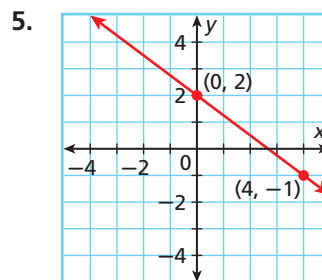
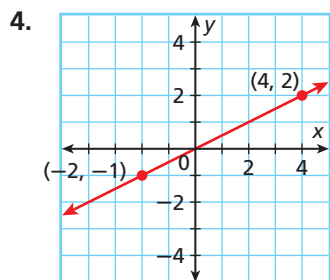
SEE EXAMPLE 2

3. The table shows a person's heart rate over time. Graph the data and show the rates of change.

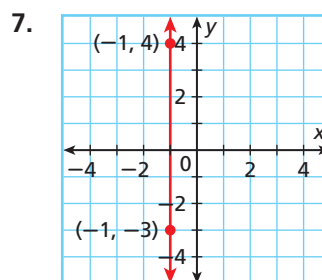
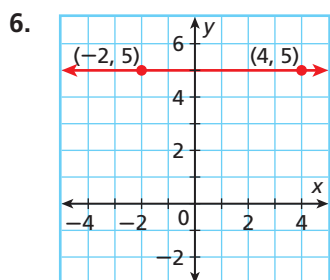
Time (min)	0	2	5	7	10
Heart Rate (beats/min)	64	92	146	84	64

Find the slope of each line.

SEE EXAMPLE 3



SEE EXAMPLE 4



SEE EXAMPLE 5

Tell whether the slope of each line is positive, negative, zero, or undefined.

