

Lesson 3.1 Understanding Slope

Determine if each slope, or rate of change, is *constant* or *variable*. Show your work.

1. Johnson is ordering t-shirts for his school. The more he orders, the lower the cost per shirt is.

Number of T-Shirts	100	200	300	400	500
Total Cost (\$)	500	900	1200	1400	1500

The rate of change for this situation is _____.

2. Bike rental costs \$10 per hour.

Time (hours)	1	2	3	4	5
Cost (\$)	10	20	30	40	50

The rate of change for this situation is _____.

3. Miles a plane traveled while flying.

Time (minutes)	20	40	60	80	100
Distance (miles)	180	360	540	720	900

The rate of change for this situation is _____.