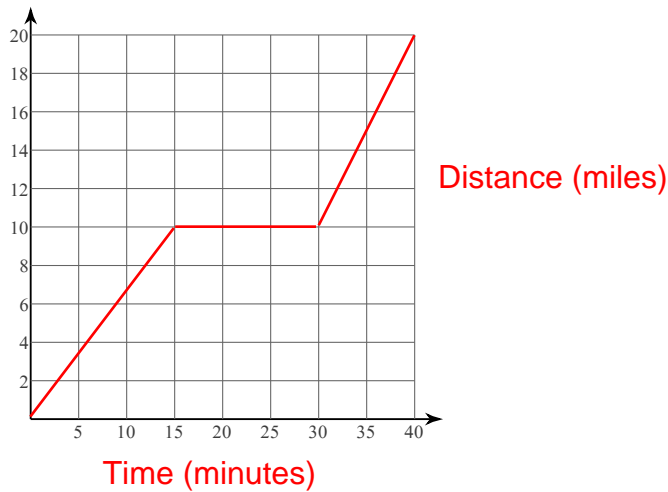


Quiz 8.2

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- 1) Tony rode his motorcycle home from work.
The graph below shows Tony's distance from home over time.

Tony's Motorcycle Ride Home



- 2) On what time interval is Tony traveling at 40 mph?
- A) The first 15 minutes
B) 15 minutes to 30 minutes
C) 30 minutes to 40 minutes
D) Never
- 3) On what time interval is Tony stopped?
- A) During the first 15 minutes
B) 15 minutes to 30 minutes
C) 30 minutes to 40 minutes
D) Never
- 4) On what time interval is Tony traveling the fastest?
- A) During the first 15 minutes
B) 15 minutes to 30 minutes
C) 30 minutes to 40 minutes
D) 5 minutes to 10 minutes

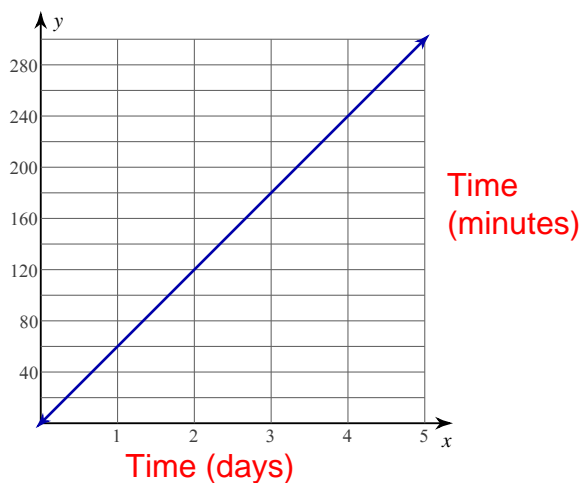
Find the slope of the line through each pair of points.

- 5) $(-5, 7), (-19, 7)$

- A) Undefined B) 0
C) $-\frac{4}{5}$ D) $\frac{4}{5}$

- 6) The graph below represents the total number of minutes a video game is played over a 5 - day period.

Video Game Played



- 8) Write an equation that represents the total number of minutes, M , that are spent playing the video game after, d , days.

- A) $M = 28d$ B) $M = 56d$
 C) $M = 60d$ D) $M = 30d$

- 7) What is the slope of this line segment.
 Include the appropriate units in your answer.

- A) $\frac{28}{1}$ Minutes per Day
 B) $\frac{60}{1}$ Minutes per Day
 C) $\frac{56}{1}$ Minutes per Day
 D) $\frac{30}{1}$ Minutes per Day

- 9) If this trend continues, how many minutes will be spent playing this video game in 8 days?

- A) 480 Minutes B) 224 Minutes
 C) 448 Minutes D) 240 Minutes