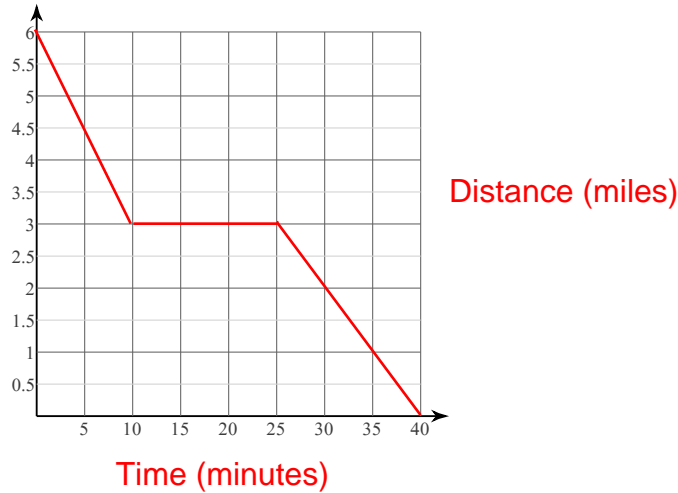


Quiz 8.1

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- 1) Lynn rode her bike home from school. The graph below shows Lynn's distance from home over time.

Lynn's Bike Ride Home



- 3) On what time interval is Lynn stopped?

A) During the first 10 minutes
 B) 10 minutes to 25 minutes
 C) 25 minutes to 40 minutes
 D) Never

- 2) On what time interval is Lynn traveling at 12 mph?

A) The first 10 minutes
 B) 10 minutes to 25 minutes
 C) 25 minutes to 40 minutes
 D) Never

- 4) On what time interval is Lynn traveling the fastest?

A) During the first 10 minutes
 B) 10 minutes to 25 minutes
 C) 25 minutes to 40 minutes
 D) 35 minutes to 40 minutes

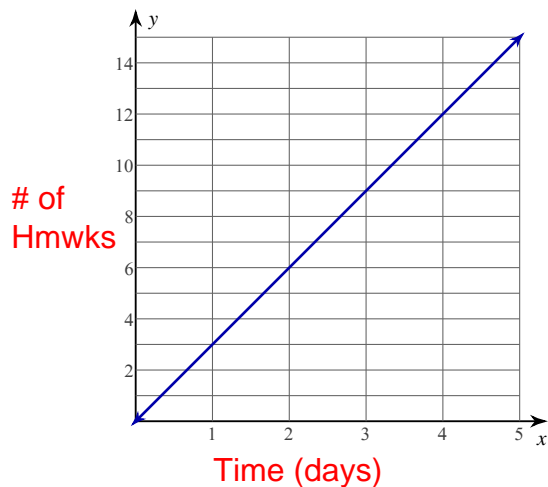
Find the slope of the line through each pair of points.

- 5) $(-11, 6), (-9, 10)$

A) $\frac{1}{2}$ B) -2
 C) $-\frac{1}{2}$ D) 2

- 6) The graph below represents the total number of times a student completes a homework assignment over a 5 - day period.

Homework Completed



- 8) Write an equation that represents the total number of Homework Assignments, H , that are completed after, d , days.

- A) $H = 15d$ B) $H = 5d$
C) $H = 4d$ D) $H = 3d$

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

- A) $\frac{15}{1}$ Homework Assignments per Day
B) $\frac{5}{1}$ Homework Assignments per Day
C) $\frac{4}{1}$ Homework Assignments per Day
D) $\frac{3}{1}$ Homework Assignments per Day

- 9) If this trend continues, how many homework assignments will this student complete after 15 days?

- A) 60 homework assignments
B) 45 homework assignments
C) 30 homework assignments
D) 225 homework assignments