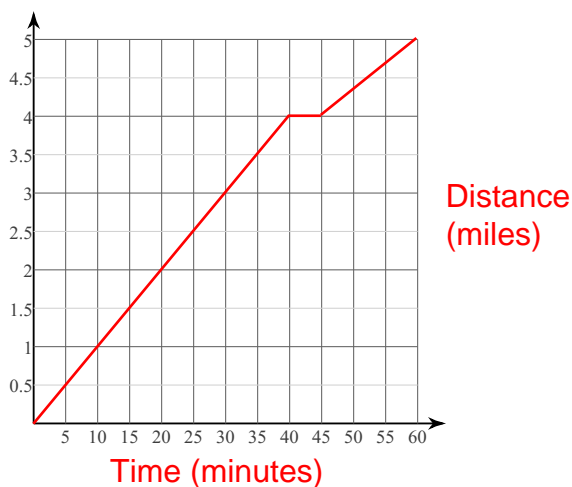


Quiz 8.3

- 1) Walter walked from school to his home.
The graph below shows Walter's distance
as he walks home.

Walter's Walk Home



- 2) On what time interval is Walter traveling at 4 mph?
- A) The first 40 minutes
B) 40 minutes to 45 minutes
C) 45 minutes to 60 minutes
D) Never
- 3) On what time interval is Walter stopped?
- A) During the first 40 minutes
B) 40 minutes to 45 minutes
C) 45 minutes to 60 minutes
D) Never
- 4) On what time interval is Walter traveling the fastest?
- A) During the first 40 minutes
B) 40 minutes to 45 minutes
C) 45 minutes to 60 minutes
D) 50 minutes to 55 minutes

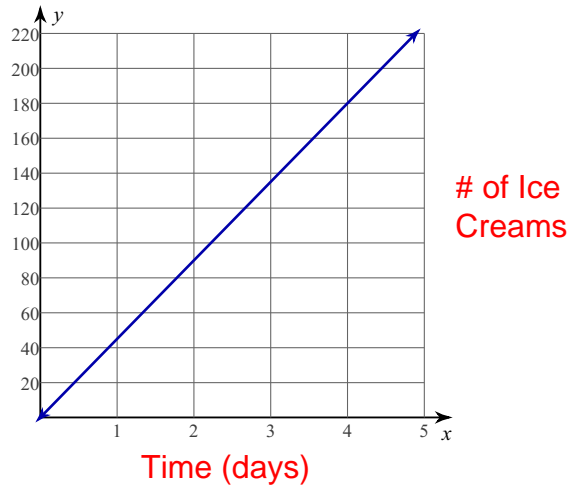
Find the slope of the line through each pair of points.

- 5) $(14, 2), (-6, -8)$

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

- 6) The graph below represents the total number of times a student orders ice cream at lunch over a 5 - day period.

Ice Cream Ordered



- 7) What is the slope of this line segment.
Include the appropriate units in your answer.
- A) $\frac{20}{1}$ Ice Creams per Day
 B) $\frac{22}{1}$ Ice Creams per Day
 C) $\frac{4}{1}$ Ice Creams per Day
 D) $\frac{45}{1}$ Ice Creams per Day
- 8) Write an equation that represents the total number of Ice Creams, C , that are ordered after, d , days.
- A) $C = 45d$ B) $C = 22d$
 C) $C = 20d$ D) $C = 4d$
- 9) If this trend continues, how many ice creams will be ordered in 30 days?
- A) 120 Ice creams
 B) 1350 Ice creams
 C) 600 Ice creams
 D) 660 Ice creams