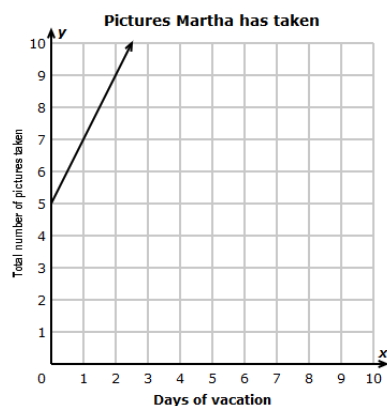


## Rate Of Change in Linear (Constant) and in non-Linear Graphs

Show all your math work and circle the answer with correct units.

Q 1

This graph shows how the number of pictures Martha has taken so far this year is related to the number of days she spends on vacation.



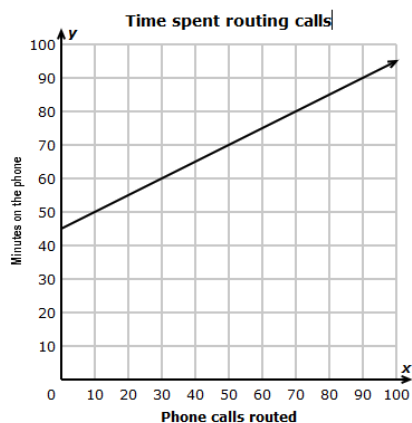
What is the rate of change?

Write your answer as a decimal or integer.

pictures per day

Q 2

This graph shows how the amount of time that a receptionist named Shawn spends on the phone is related to the number of phone calls he routes to employees.



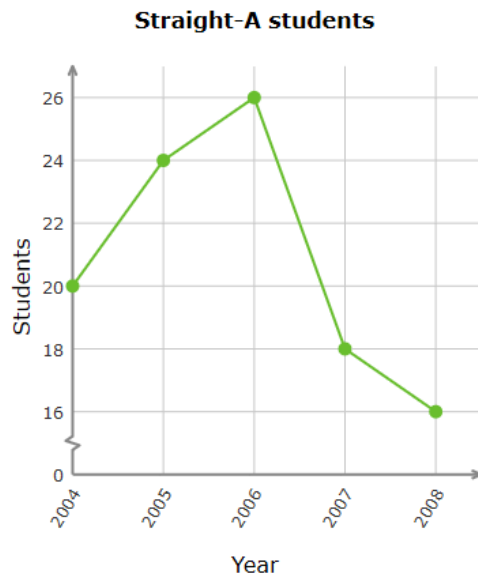
What is the rate of change?

Write your answer as a decimal or integer.

minutes per phone call

Q 3

A school administrator who was concerned about grade inflation looked over the number of straight-A students from year to year.



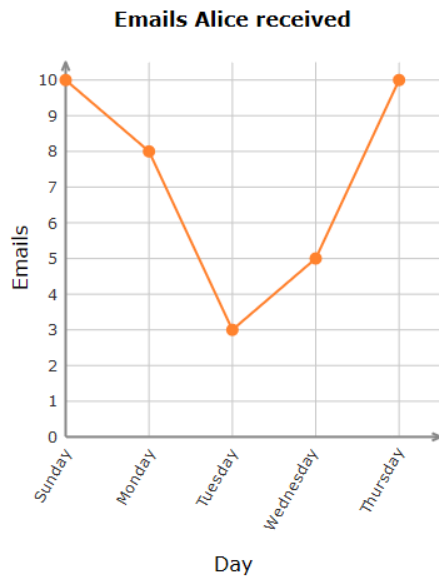
According to the graph, what was the rate of change between 2004 and 2008?

students per year

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Q 4

Alice kept a tally of the number of emails she received each day for a week.



According to the graph, what was the rate of change between Sunday and Monday?

emails per day