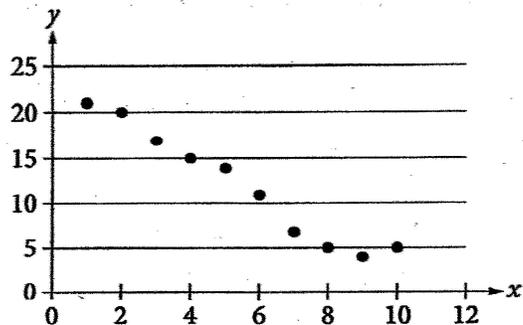




Geo PSAT/SAT practice

Tues, March 31, 2020

16



Which of the following could be an equation of a line of best fit for the data shown in the scatterplot?

- A)  $y = -2x + 23$
- B)  $y = -\frac{1}{2}x + 23$
- C)  $y = \frac{1}{2}x + 23$
- D)  $y = 2x + 23$



## PSAT/SAT Practice

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(\*) y-int between 25 & 20 so  
all answer are reasonable  
so far

(\*) line of best fit will have  
a neg slope which means  
you can eliminate  
choices C & D

(\*) using the green line shown

rise is approx -17

run is approx 8

$$m \approx \frac{-17}{8}$$

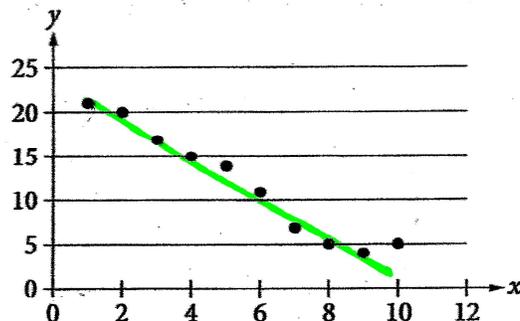
this is much  
closer to -2  
than  $-\frac{1}{2}$

Therefore choice

A is the  
best answer

Answers

16



Which of the following could be an equation of a line of best fit for the data shown in the scatterplot?

A)  $y = -2x + 23$

B)  $y = -\frac{1}{2}x + 23$

~~C)  $y = \frac{1}{2}x + 23$~~

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