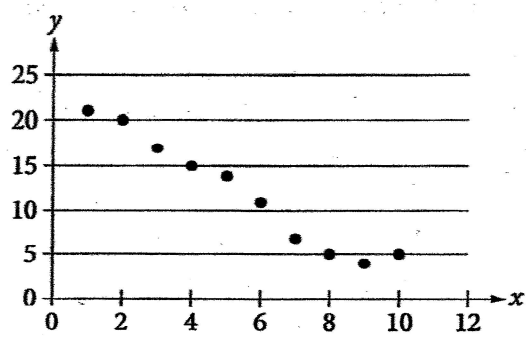
Alg 2 PSAT/SAT practice

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) $y = 2x + 23$

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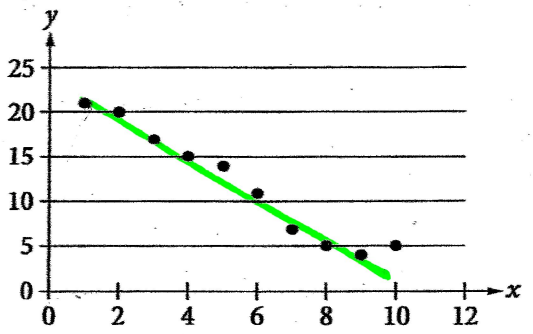
Answers

16



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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 appox -17

run is appox 8

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

this is much closer to -2 than $-1/2$

Therefore choice A is the best answer