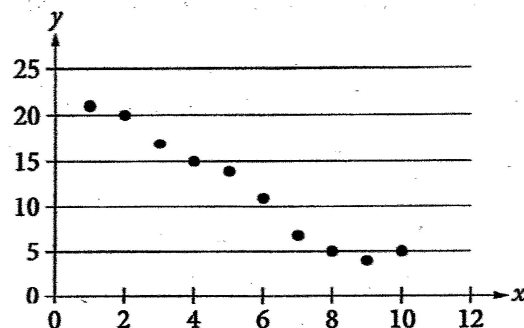




Geo PSAT/SAT practice

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) $y = 2x + 23$



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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

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

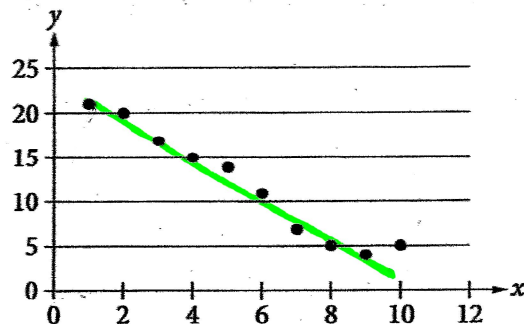
this is much
closer to -2
than $-\frac{1}{2}$

Therefore choice

A is the
best answer

16

Answers



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) $y = 2x + 23$~~