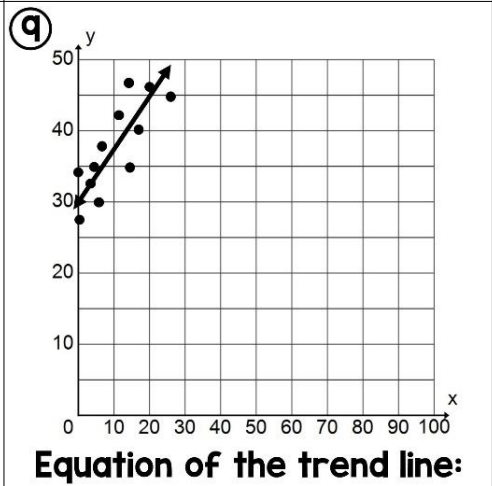
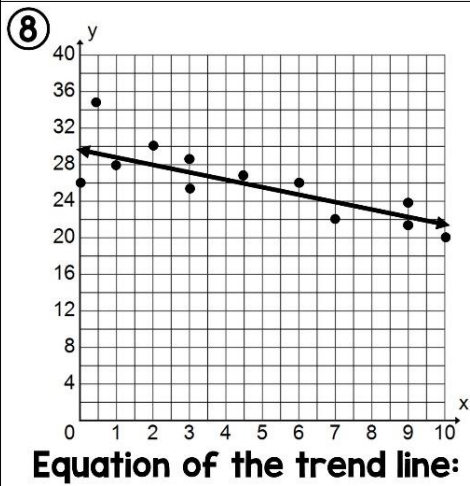
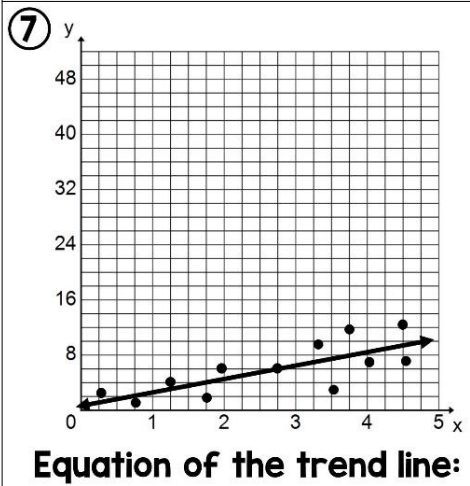
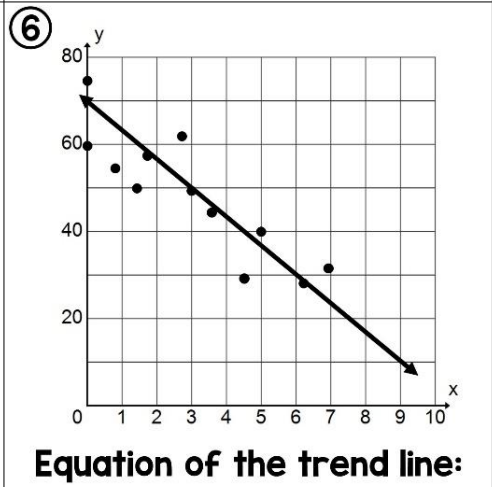
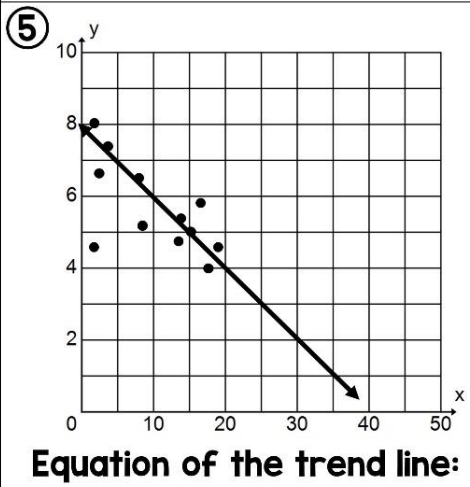
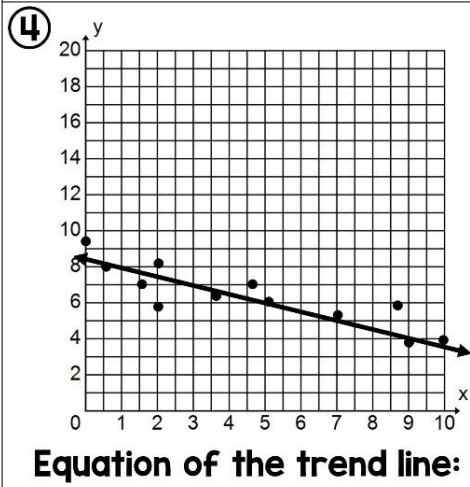
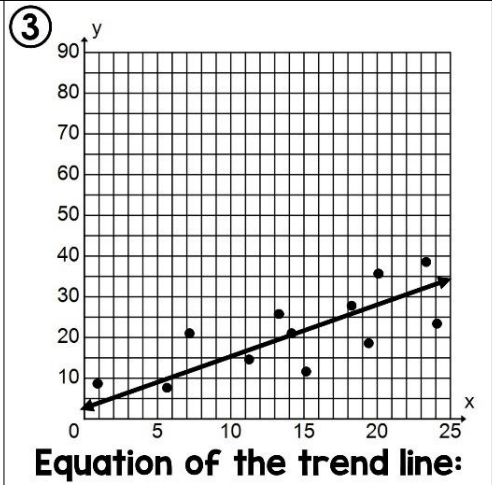
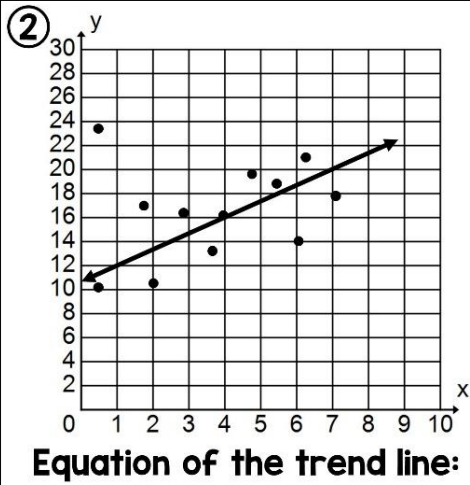
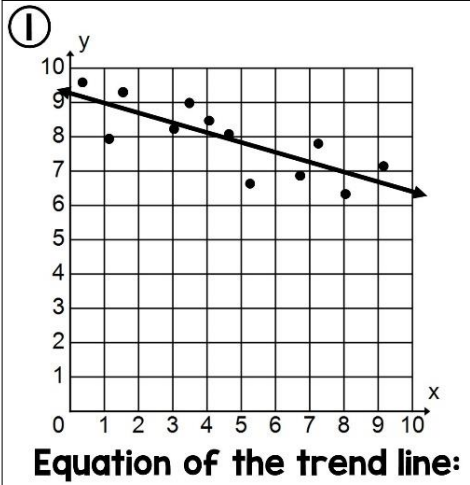


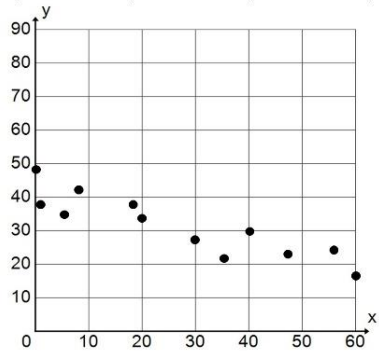
SCATTER PLOTS: Line of Best Fit

Write the Slope-Intercept Form equation of the trend line of each scatter plot.



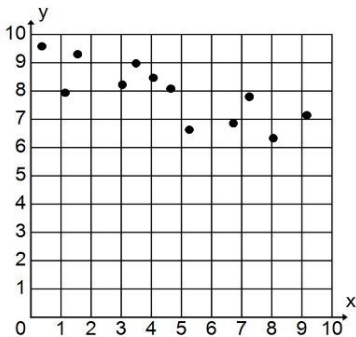
10 Based on the scatter plot, predict the value of x when $y = 32$.

- A) 6 B) 23 C) 38 D) 11



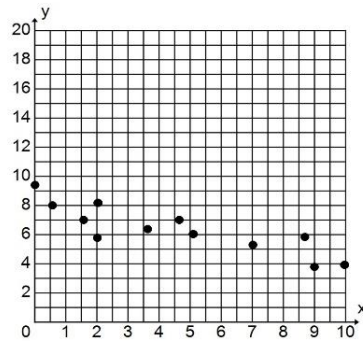
11 Based on the scatter plot, predict the value of y when $x = 6$.

- A) 5 B) 1 C) 10 D) 7



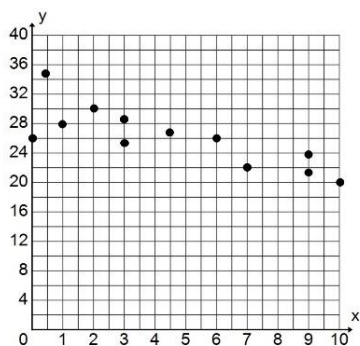
12 Based on the scatter plot, predict the value of x when $y = 5$.

- A) 9 B) 2 C) 6 D) 12



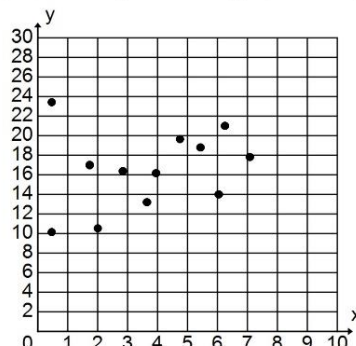
13 Based on the scatter plot, predict the value of x when $y = 20$.

- A) 12 B) 2 C) 10 D) 8



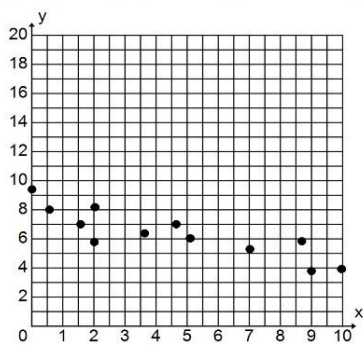
14 Based on the scatter plot, predict the value of y when $x = 1$.

- A) 23 B) 12 C) 10 D) 17



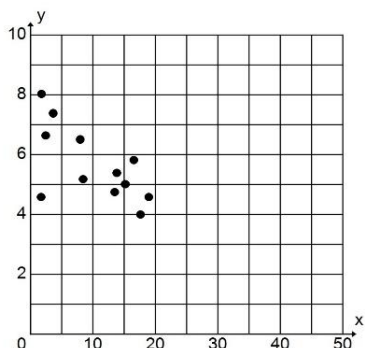
15 Based on the scatter plot, predict the value of x when $y = 8$.

- A) 5 B) 10 C) 4 D) 1



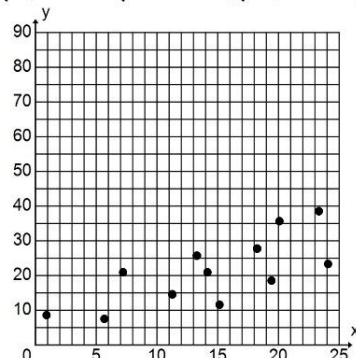
16 Based on the scatter plot, predict the value of y when $x = 5$.

- A) 7 B) 15 C) 8 D) 4



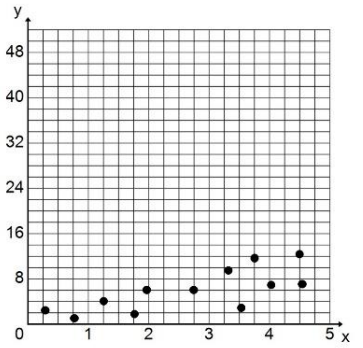
17 Based on the scatter plot, predict the value of x when $y = 10$.

- A) 15 B) 4 C) 20 D) 1



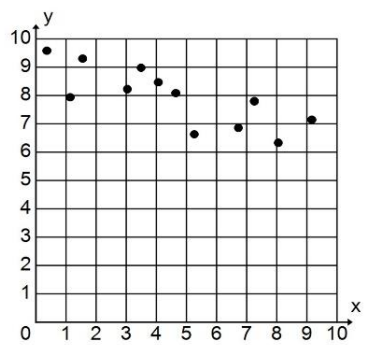
18 Based on the scatter plot, predict the value of y when $x = 4$.

- A) 8 B) 1.25 C) 3.5 D) 14



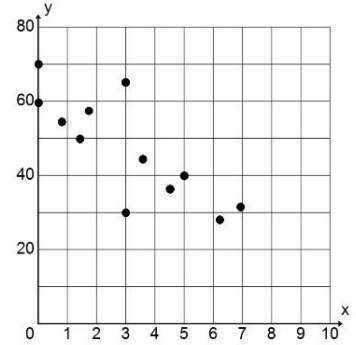
19 Based on the scatter plot, predict the value of x when $y = 9$.

- A) 7 B) 0 C) 3.5 D) 6



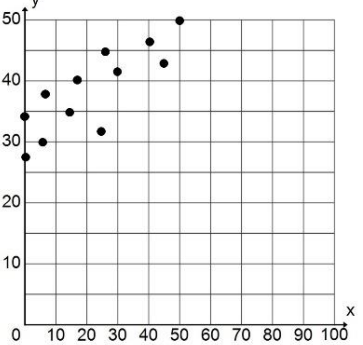
20 Based on the scatter plot, predict the value of y when $x = 3$.

- A) 65 B) 30 C) 45 D) 13



21 Based on the scatter plot, predict the value of x when $y = 40$.

- A) 46 B) 12 C) 25 D) 20

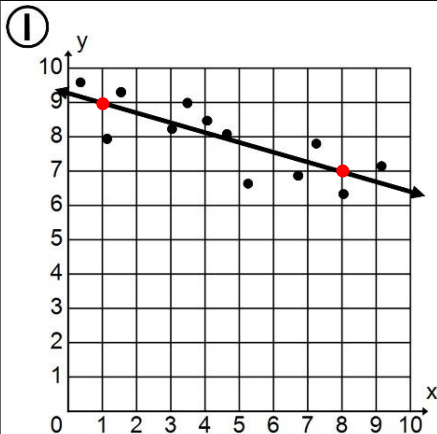


Name _____

Date _____

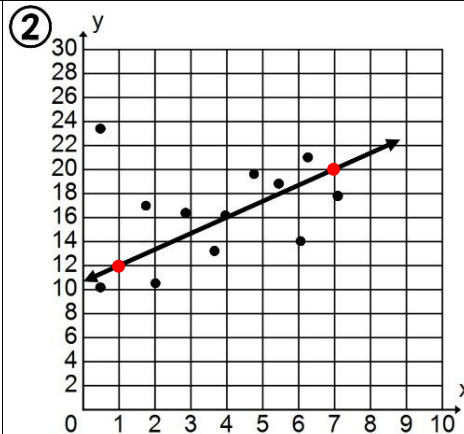
ANSWER KEY**SCATTER PLOTS: Line of Best Fit**

Write the Slope-Intercept Form equation of the trend line of each scatter plot.



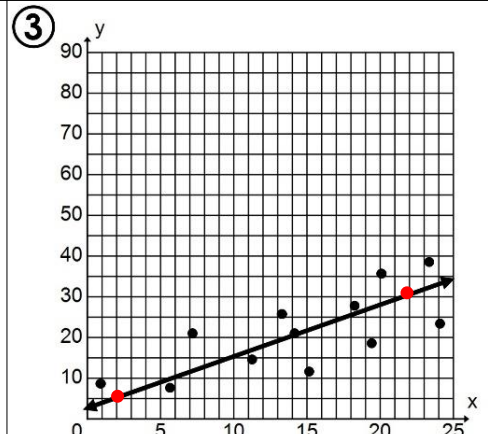
Equation of the trend line:

$$y = -0.29x + 9.29$$



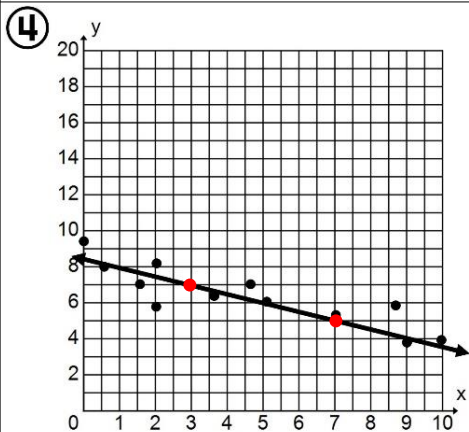
Equation of the trend line:

$$y = 1.33x + 10.67$$



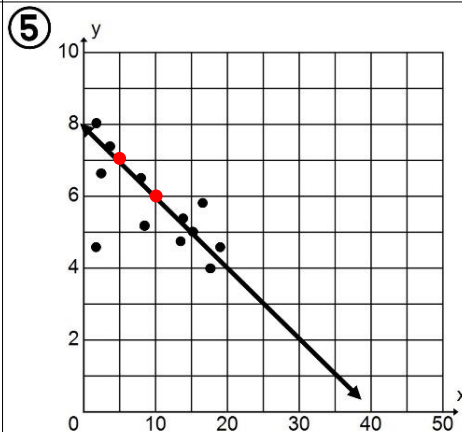
Equation of the trend line:

$$y = 1.25x + 2.5$$



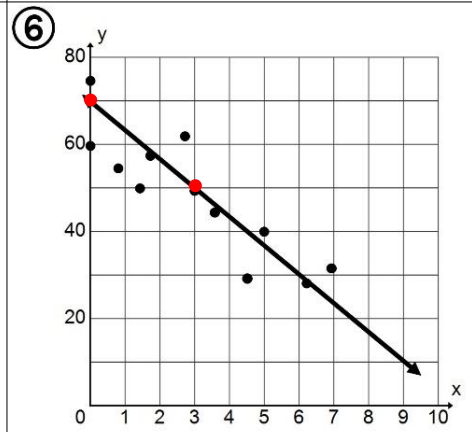
Equation of the trend line:

$$y = -0.5x + 8.5$$



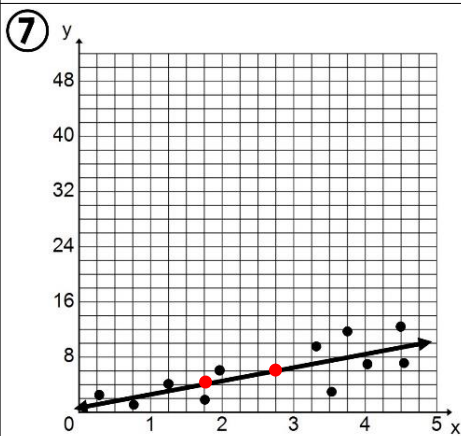
Equation of the trend line:

$$y = -0.2x + 8$$



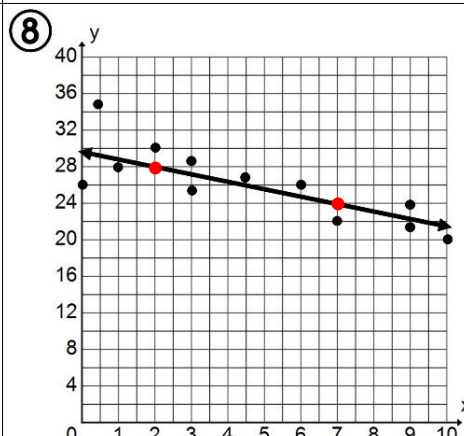
Equation of the trend line:

$$y = -6.67x + 70$$



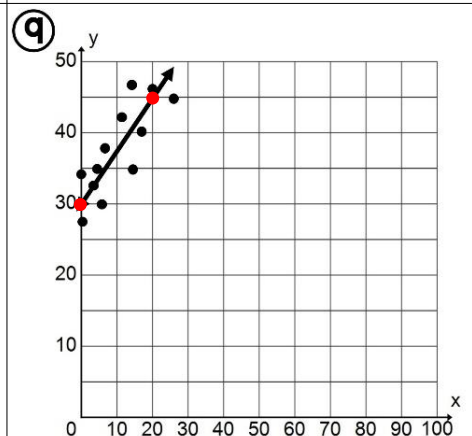
Equation of the trend line:

$$y = 2x + 0.5$$



Equation of the trend line:

$$y = -0.8x + 29.6$$



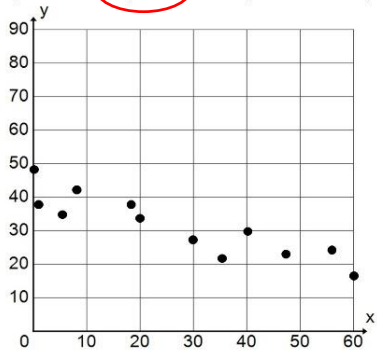
Equation of the trend line:

$$y = 0.75x + 30$$

ANSWER KEY

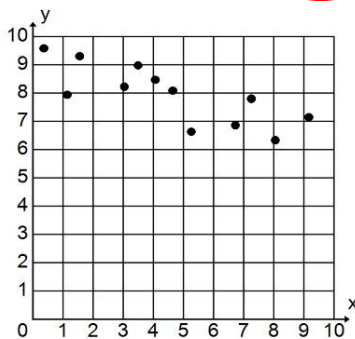
10 Based on the scatter plot, predict the value of x when $y = 32$.

- A) 6 **B) 23** C) 38 D) 11



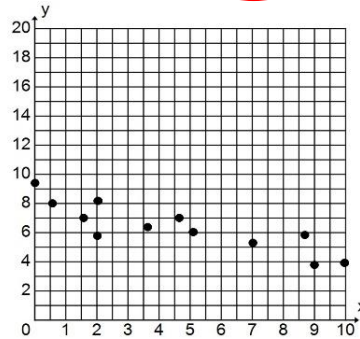
11 Based on the scatter plot, predict the value of y when $x = 6$.

- A) 5 B) 1 C) 10 **D) 7**



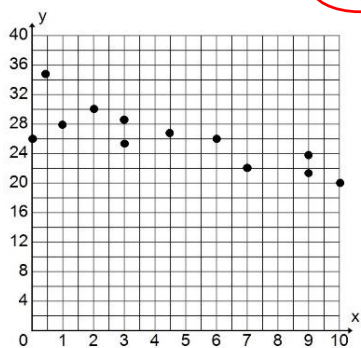
12 Based on the scatter plot, predict the value of x when $y = 5$.

- A) 9 B) 2 **C) 6** D) 12



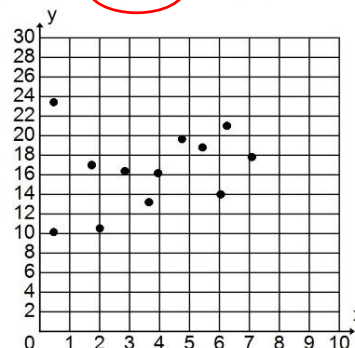
13 Based on the scatter plot, predict the value of x when $y = 20$.

- A) 12 B) 2 C) 6 **D) 8**



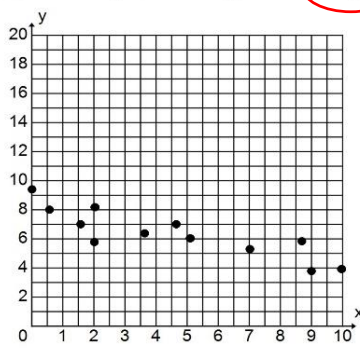
14 Based on the scatter plot, predict the value of y when $x = 1$.

- A) 23 **B) 12** C) 10 D) 17



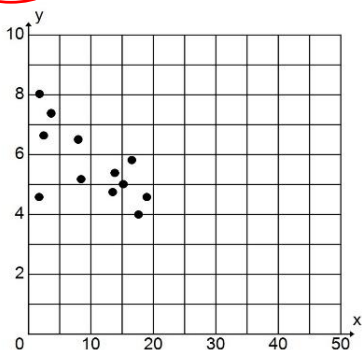
15 Based on the scatter plot, predict the value of x when $y = 8$.

- A) 5 B) 10 C) 4 **D) 1**



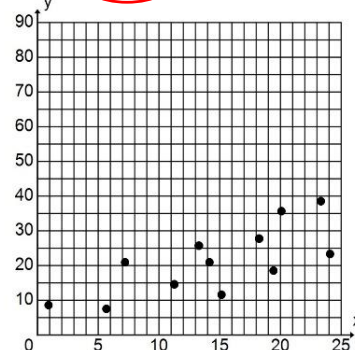
16 Based on the scatter plot, predict the value of y when $x = 5$.

- A) 7** B) 15 C) 8 D) 4



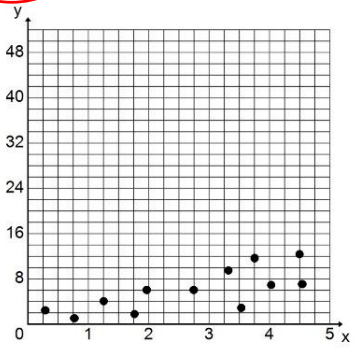
17 Based on the scatter plot, predict the value of x when $y = 10$.

- A) 15 **B) 4** C) 20 D) 1



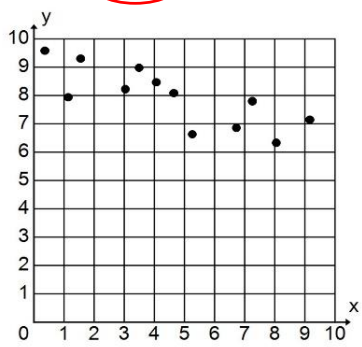
18 Based on the scatter plot, predict the value of y when $x = 4$.

- A) 8** B) 1.25 C) 3.5 D) 14



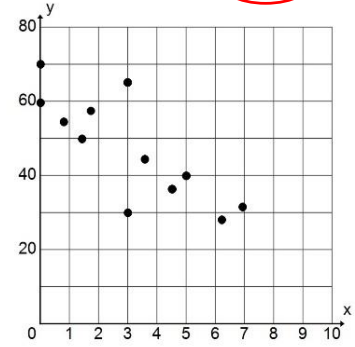
19 Based on the scatter plot, predict the value of x when $y = 9$.

- A) 7 **B) 0** C) 3.5 D) 6



20 Based on the scatter plot, predict the value of y when $x = 3$.

- A) 65 B) 30 **C) 45** D) 13



21 Based on the scatter plot, predict the value of x when $y = 40$.

- A) 46 B) 12 **C) 25** D) 35

