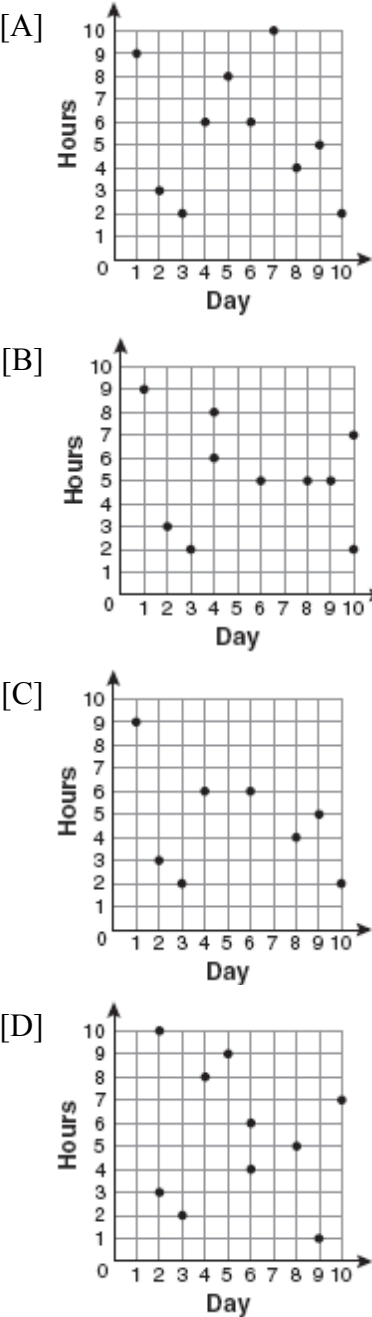


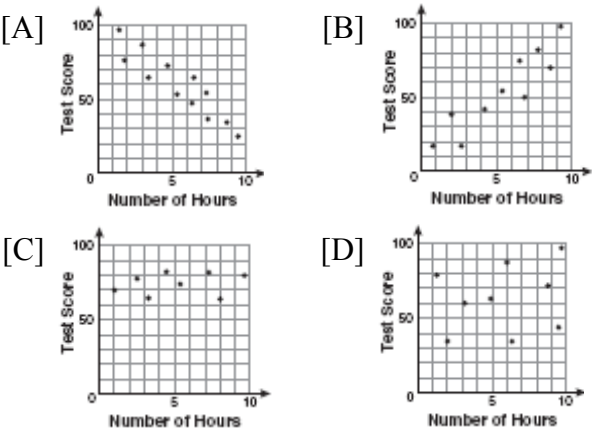
1. fall0701ia, P.I. A.S.7
- For 10 days, Romero kept a record of the number of hours he spent listening to music. The information is shown in the table below.

Day	1	2	3	4	5	6	7	8	9	10
Hours	9	3	2	6	8	6	10	4	5	2

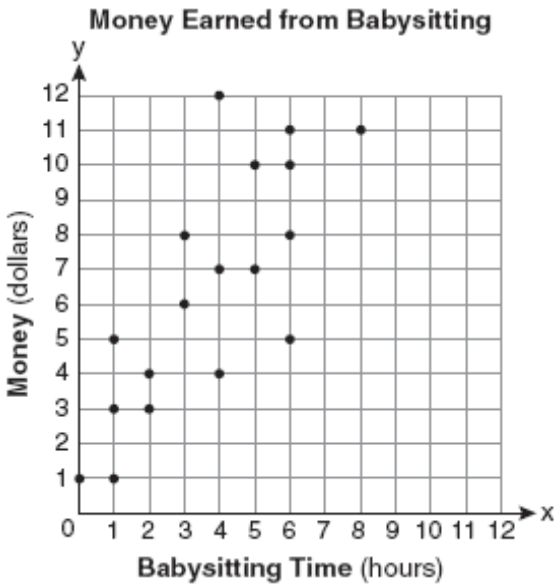
Which scatter plot shows Romero's data graphically?



2. 060805ia, P.I. A.S.12
- There is a negative correlation between the number of hours a student watches television and his or her social studies test score. Which scatter plot below displays this correlation?



3. 080822ia, P.I. A.S.8
- Which equation most closely represents the line of best fit for the scatter plot below?



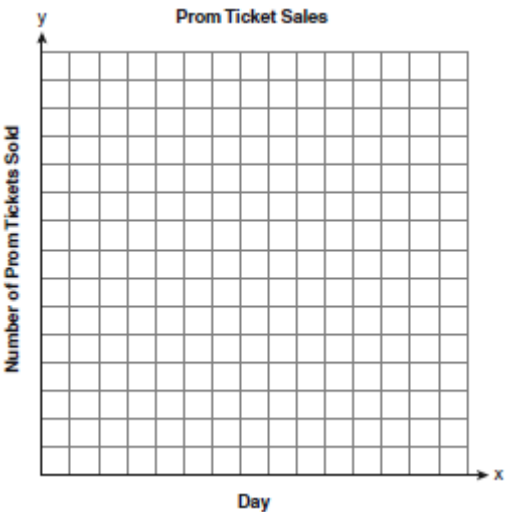
- [A]  $y = \frac{3}{2}x + 1$
- [B]  $y = \frac{3}{2}x + 4$
- [C]  $y = x$
- [D]  $y = \frac{2}{3}x + 1$

NAME: \_\_\_\_\_

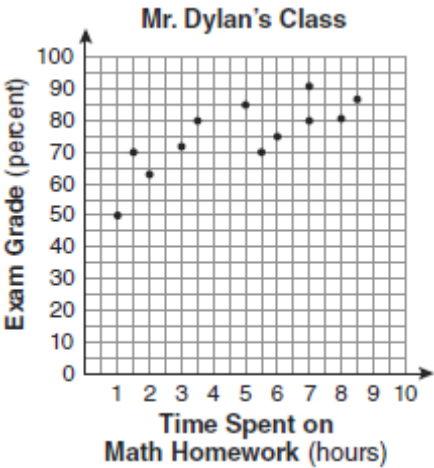
4.
060936ia, P.I. A.S.8
- The table below shows the number of prom tickets sold over a ten-day period.

Prom Ticket Sales					
Day ( $x$ )	1	2	5	7	10
Number of Prom Tickets Sold ( $y$ )	30	35	55	60	70

Plot these data points on the coordinate grid below. Use a consistent and appropriate scale. Draw a reasonable line of best fit and write its equation.



5.
080930ia, P.I. A.S.17
- The number of hours spent on math homework each week and the final exam grades for twelve students in Mr. Dylan's algebra class are plotted below.



Based on a line of best fit, which exam grade is the best prediction for a student who spends about 4 hours on math homework each week?

[A] 72      [B] 62      [C] 92      [D] 82

[1] A \_\_\_\_\_

[2] A \_\_\_\_\_

[3] A \_\_\_\_\_

[3] The data are plotted correctly, an appropriate line of best fit is drawn, and its equation is stated.

[2] The data are plotted incorrectly, but an appropriate line of best fit is drawn, and an appropriate equation is stated.

or [2] The data are plotted correctly, but an incorrect line of best fit is drawn, but an appropriate equation is stated.

or [2] The data are plotted correctly, and an appropriate line of best fit is drawn, but its equation is not stated or is stated incorrectly.

[1] The data are plotted correctly, but no further correct work is shown.

or [1] The data are plotted incorrectly, but an appropriate line of best fit is drawn, but no further correct work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[4] incorrect procedure. \_\_\_\_\_

[5] A \_\_\_\_\_