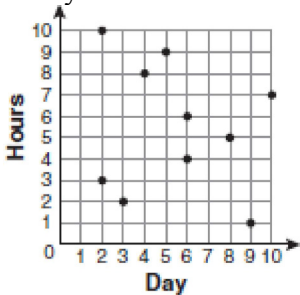


A.S.7: Scatter Plots: Create a scatter plot of bivariate data

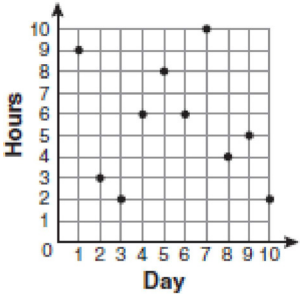
- For 10 days, Romero kept a record of the number of hours he spent listening to music. The information is shown in the table below.

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

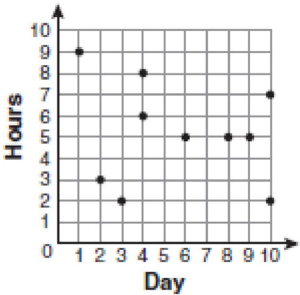
Which scatter plot shows Romero’s data graphically?



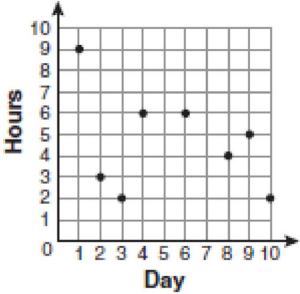
1)



2)



3)

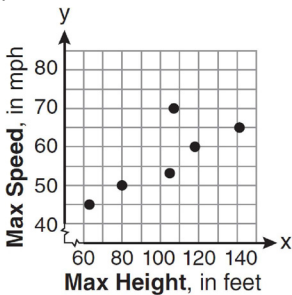


4)

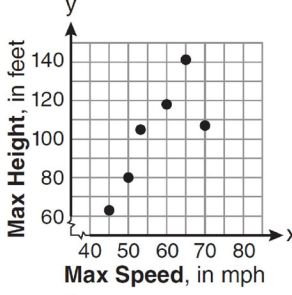
- The maximum height and speed of various roller coasters in North America are shown in the table below.

Maximum Speed, in mph, (x)	45	50	54	60	65	70
Maximum Height, in feet, (y)	63	80	105	118	141	107

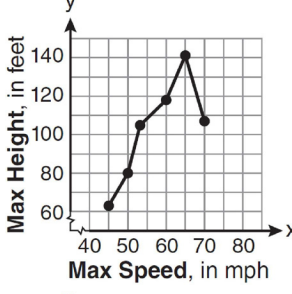
Which graph represents a correct scatter plot of the data?



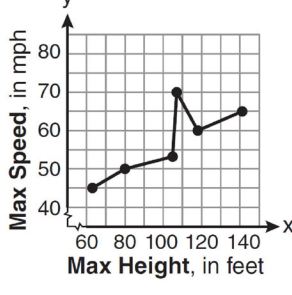
1)



2)



3)

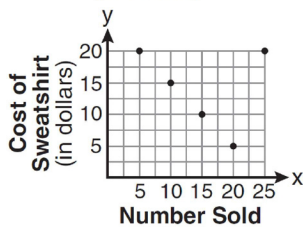
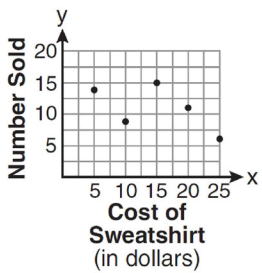
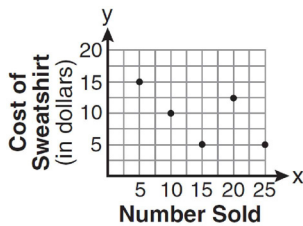
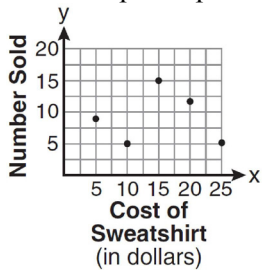


4)

- 3 The school store did a study comparing the cost of a sweatshirt with the number of sweatshirts sold. The price was changed several times and the numbers of sweatshirts sold were recorded. The data are shown in the table below.

Cost of Sweatshirt	\$10	\$25	\$15	\$20	\$5
Number Sold	9	6	15	11	14

Which scatter plot represents the data?



**A.S.7: Scatter Plots: Create a scatter plot of bivariate data**

**Answer Section**

- |   |        |                 |
|---|--------|-----------------|
| 1 | ANS: 2 | REF: fall0701ia |
| 2 | ANS: 2 | REF: 061115ia   |
| 3 | ANS: 3 | REF: 081001ia   |