



Name _____ Class _____ Date _____

1 The data shown on the table representing students in the city of Buffalo could be organized with a **line plot**.

True or false?

- A true
- B false

Grade	Number of Students
1 st	5,500
2 nd	6,200
3 rd	4,800
4 th	6,000
5 th	5,600

3 The data shown on the table representing salary per occupation is **best organized** with a _____.

- A scatter plot
- B circle graph
- C line graph
- D

Occupation	Salary
Teacher	\$45,000
Doctor	\$124,000
Policeman	\$57,000

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A
B
C
D



PREVIEW

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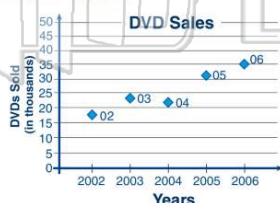
7
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his/her father's height? Parent Height

- A The taller the father, the shorter the child.
- B The taller the father, the taller the child.
- C The shorter the father, the taller the child.
- D There is no correlation between the heights.

9 Based on the scatter plot for sales of DVDs for six years, estimate **how many** DVDs were sold in **2007**.

- A 10,000
- B 25,000
- C 40,000
- D 60,000



2 The data for states' populations shown on the table could be organized with a **bar graph**.

True or false?

- A true
- B false

State	Population
Georgia	6,508,419
Colorado	3,307,912
Vermont	564,964
Iowa	2,787,424
Oregon	2,853,733

4 The **scatter plot** shown represents the grade level of students and the time it takes to complete their homework. **What correlation** can be made about the data?

- A no correlation
- B a negative correlation
- C a positive correlation



7
W
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is considered from the scatter plot? Rainfall (in inches)

- A More corn grows with less rain.
- B More rain results in less corn grown.
- C Higher corn prices result with more rain.
- D More rain results in lower corn prices.

10 The **scatter plot** shown represents the annual cost of car repairs and the number of years a car is owned. **How old would a car be when the repair cost reaches \$2,000?**

- A 7
- B 8
- C 9
- D 10





ANSWER KEY

The data shown on the table representing students in the city of Buffalo could be organized with a **line plot**.

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(b)

The data for states' populations shown on the table could be organized with a **bar graph**.

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(a)

The data shown on the table representing salary per occupation is **best organized** with a _____.

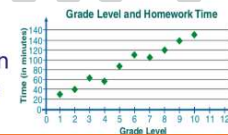
- A** scatter plot
- B** circle graph
- C** line graph
- D** bar graph

Occupation	Salary
Teacher	\$45,000
Doctor	\$124,000
Policeman	\$57,000
Lawyer	\$93,000

(d)

The **scatter plot** shown represents the grade level of students and the time it takes to complete their homework. **What correlation can be made about the data?**

- A** no correlation
- B** a negative correlation
- C** a positive correlation
- D** a zero correlation



(c)



PREVIEW

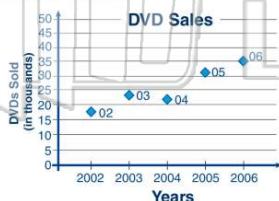
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(c)

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- B** 8
- C** 9
- D** 10



(b)