Algebra I EOC Practice #25
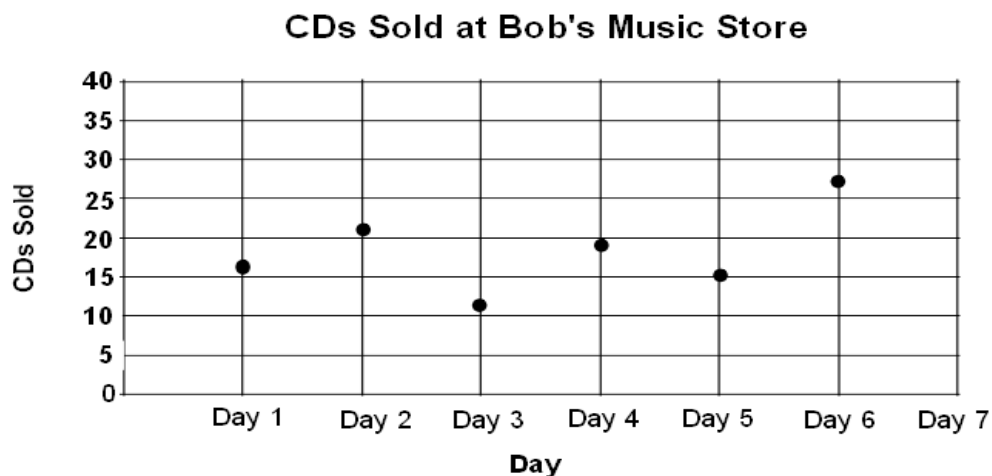
1. The graph below shows the value of a watch over many years.

YEAR
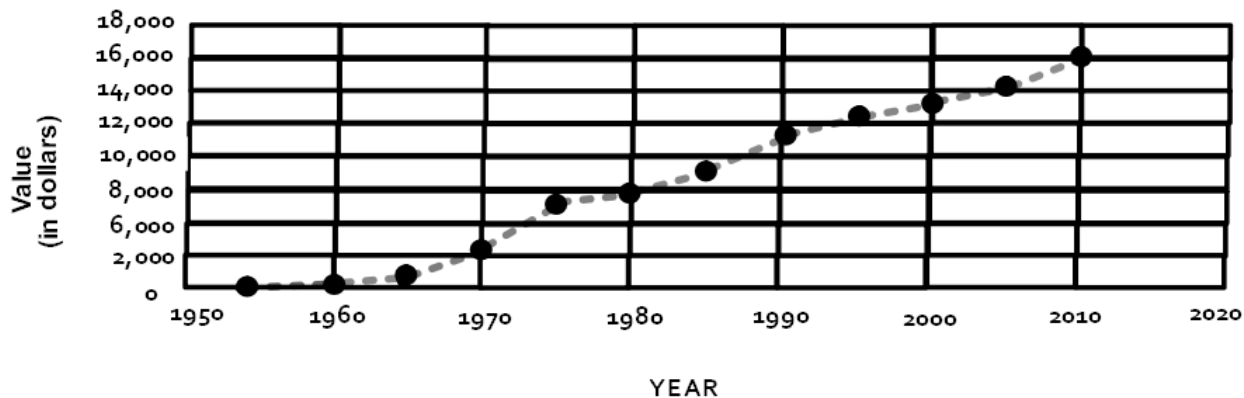
What is a reasonable estimate of the value of the watch in 2002?

A. 14,100
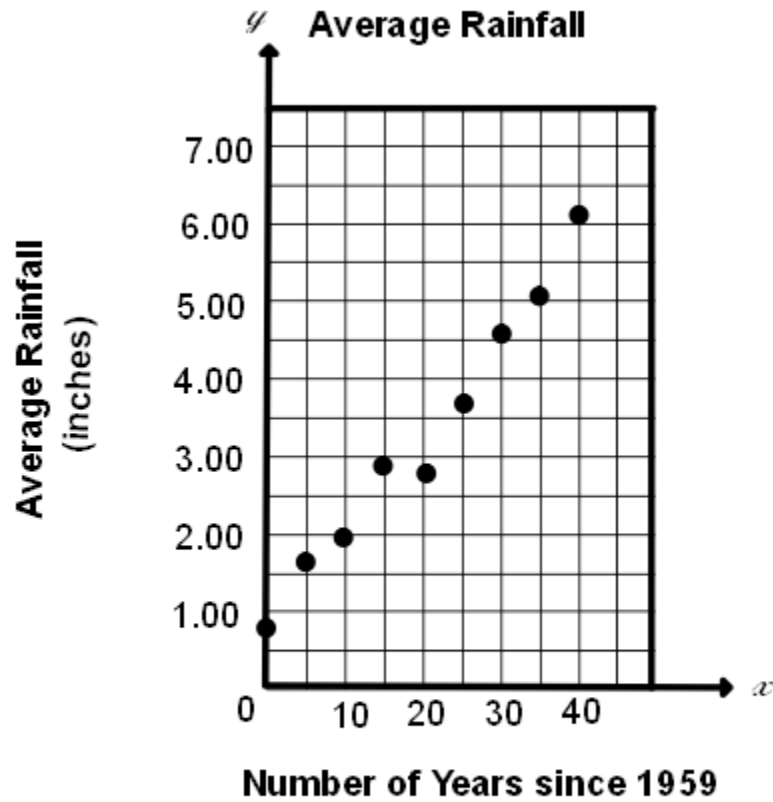B. 13, 500
C. 12, 500
D. 12, 000

2. The scatter plot shows the number of CD's sold in 7 days at Bob's Music Store.

CDs Sold at Bob's Music Store

For day seven, which number of CD's sold would be considered an outlier?

A. 9
B. 10
C. 25
D. 40

3. The average rainfall, over a period of years, is shown in the graph below.

Average Rainfall

If the trend continues, what is the best prediction of the average rainfall in 2014?

A. 8.1 inches
B. 4.7 inches
C. 5.9 inches
D. 9.8 inches

4. A total of 400 students were surveyed about their favorite color. The circle graph shows the percentage of each color students chose.

Favorite Colors

Pink

Orange

Red

4%

15%

21%

Purple 12%

Green

7%

12%

29%

Yellow
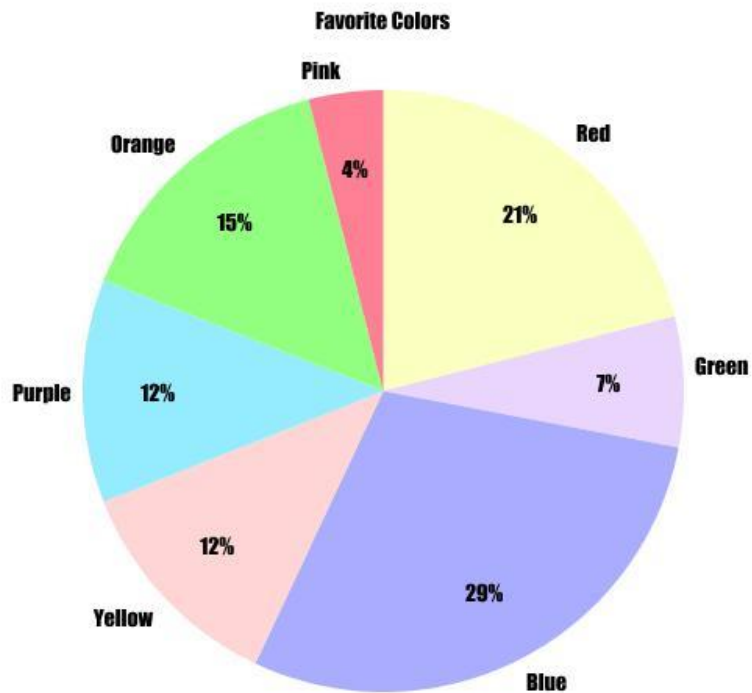
Blue

Which statement is **NOT** supported by the data displayed in the graph?

A A little more than half the students chose either blue, orange, or green as their favorite color.

B Green was chosen as the favorite color by more than half the number of students as purple.

C Blue was the favorite color of 29 students.

D Yellow and pink combined were chosen by more students than orange.