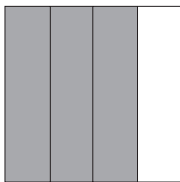


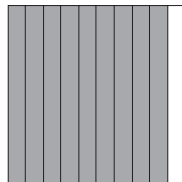


11 Which of the figures below represents the greatest value?

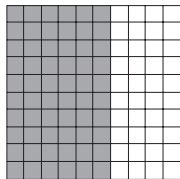
A



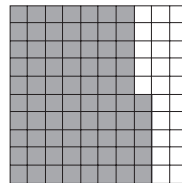
C



B



D



Analysis

- A** *Choice A is incorrect.* Figure A has less area shaded than Figure C:
 $0.75 < 0.9$.
- B** *Choice B is incorrect.* Figure B has less area shaded than Figure C:
 $0.60 < 0.9$.
- C** *Choice C is correct.* Figure C has the most area shaded: $0.9 > 0.75 > 0.6$.
- D** *Choice D is incorrect.* Figure D has less area shaded than Figure C:
 $0.75 < 0.9$.



32 Travis has 10 toy cars. He gave 5 away and then got 8 more. Then he gave 3 away and got 1 back. How many cars does Travis have now?

F 1

G 11

H 13

J 27

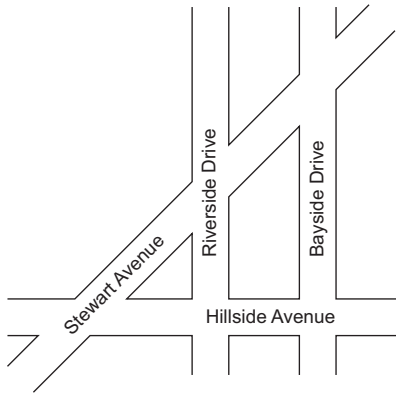
Analysis

- F** *Choice F is incorrect.* Recheck your work. Travis started with 10 cars, not 0.
- G** *Choice G is correct.* The number sentence is $10 - 5 + 8 - 3 + 1 = 11$. Travis now has 11 toy cars.
- H** *Choice H is incorrect.* Recheck your work. After receiving the 8 cars, Travis gave 3 away, then got 1 back.
- J** *Choice J is incorrect.* This answer is found by adding all of the numbers shown. Travis gave away some cars.



66 Which of the following statements is **NOT** true about Riverside Drive and Bayside Drive?

- F** They are equal distances apart at all points.
- G** They do not intersect each other.
- H** They are perpendicular to each other.
- J** They are parallel to each other.



Tip!

Parallel lines are lines that are an equal distance apart at all points and do not intersect.

Analysis

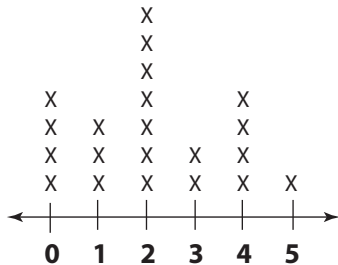
- F** *Choice F is incorrect.* Riverside Drive and Bayside Drive are equal distances apart at all points.
- G** *Choice G is incorrect.* Although Riverside Drive and Bayside Drive each intersect other streets, they do not intersect each other.
- H** *Choice H is correct.* Riverside Drive and Bayside Drive do not intersect at a right angle and are therefore not perpendicular.
- J** *Choice J is incorrect.* Riverside Drive and Bayside Drive are parallel to each other.



- 88** A fourth-grade teacher asked her students how many sports they played. She collected the results in the dot plot below. How many students play more than 3 sports?

- F** 7
G 2
H 21
J 5

Sports Played by Students



Analysis

- F** *Choice F is incorrect.* This answer shows how many students play 3 or more sports.
- G** *Choice G is incorrect.* This answer shows how many students play 3 sports.
- H** *Choice H is incorrect.* This answer shows the number of students surveyed.
- J** *Choice J is correct.* Count the number of students that play 4 or 5 sports: 4 students play 4 sports and 1 plays 5 sports. Then, add: $4 + 1 = 5$ students.



92 Rory bought his favorite football player's rookie trading card for \$75.00. He had it autographed at a game and was able to sell it to a friend for \$250.00. How much profit did Rory make from selling the card?

F \$250.00

G \$175.00

H \$325.00

J \$75.00

Tip!

Profit is the difference between the amount earned and the amount spent on a product.

Analysis

- F** *Choice F is incorrect.* Rory did make \$250 when he sold the card, but he'd previously spent \$75 buying it. This must be subtracted to determine his profit.
- G** *Choice G is correct.* To calculate profit, subtract Rory's expenses (\$75) from his earnings (\$250): $\$250 - \$75 = \$175$ in profit.
- H** *Choice H is incorrect.* This choice shows the total when the expenses and earnings are added. This is not how to calculate profit.
- J** *Choice J is incorrect.* This choice shows only Rory's expenses.