

BROWNSVILLE ISD

Curriculum Department



Mathematics

G05 Math EN 5-6W Checkpoint 1819

5th Grade

District 6 Weeks 5th
Regular English Version

Student ID

Student Name

Score(S)

DIRECTIONS

Read each question carefully. Determine the best answer to the question from the four answer choices provided. Then fill in the answer on your answer document.

- 1 Anna measured the length of four snakes in centimeters. The snakes' lengths were 692.7 cm, 629.9 cm, 609.7 cm, and 690.2 cm. What is the order of the lengths from longest to shortest?
- A** $609.7 \text{ cm} < 690.2 \text{ cm} < 629.9 \text{ cm} < 692.7 \text{ cm}$
- B** $692.7 \text{ cm} > 629.9 \text{ cm} > 690.2 \text{ cm} > 609.7 \text{ cm}$
- C** $692.7 \text{ cm} > 690.2 \text{ cm} > 629.9 \text{ cm} > 609.7 \text{ cm}$
- D** $629.9 \text{ cm} < 692.7 \text{ cm} < 609.7 \text{ cm} < 690.2 \text{ cm}$

- 2 Caroline took a survey of her classmates to see which dessert they prefer. The results are shown in the frequency table below.

Dessert	Number of Students
Ice cream	
Candy	
Cake	
Cookies	

Based on the data in the table, how many of Caroline's classmates preferred the two desserts that had the lowest frequencies?

- F 37
- G 40
- H 56
- J 68

3 A recipe calls for $\frac{2}{3}$ of a cup of white flour and $\frac{1}{8}$ of a cup of whole wheat flour. How many cups of flour does the recipe call for in all?

A $\frac{3}{12}$ C

B $\frac{13}{24}$ C

C $\frac{1}{12}$ C

D $\frac{19}{24}$ C

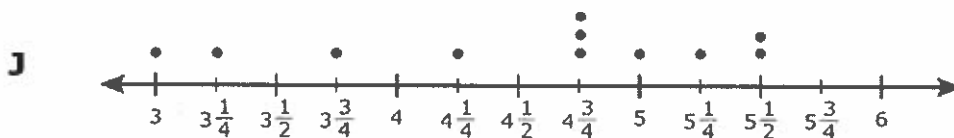
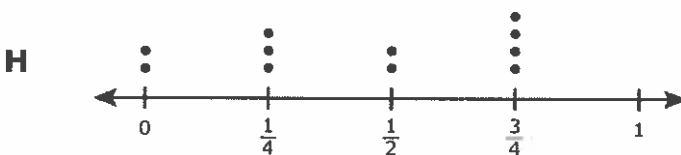
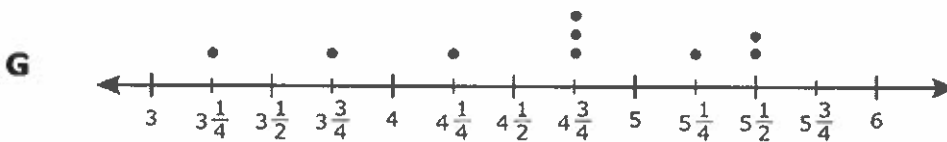
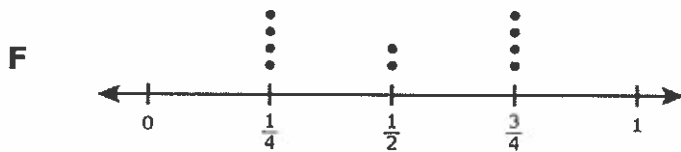
4 A stem-and-leaf plot is shown below.

Stem	Leaf
3	$\frac{0}{4}$ $\frac{1}{4}$ $\frac{3}{4}$
4	$\frac{1}{4}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{4}$
5	$\frac{0}{4}$ $\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{2}$

KEY

$4 \mid \frac{1}{4}$ means $4\frac{1}{4}$

Which dot plot represents the data shown on the plot?



5 A baker has 10 pies. He cuts each pie in $\frac{1}{2}$ to sell. How many pies will the baker have to sell after they are cut?

A 12

B 20

C 8

D 10

- 6 A marine biologist measures the lengths of several dolphins. Her findings are shown in the stem-and-leaf plot below.

Dolphin Lengths (ft)

Stem	Leaf
8	1 4 4 6
9	3 4 5 5
10	1
11	3 8
12	1 4 7

8		3	means 8.3 ft
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What is the difference in length between the longest dolphin and the shortest dolphin recorded?

- F** 4.1
- G** 4.6
- H** 5.2
- J** 7.8

- 7 A movie theater sells a bowl of popcorn for \$6 each and a small drink for \$2 each. Carter used a \$100 bill to buy 7 bowls of popcorn and 9 small drinks. Which equation can be used to find d , the amount of money in dollars that Carter has left?

- A $100 - 6 - 7 - 2 - 9 = d$
- B $100 + 6 + 7 + 2 + 9 = d$
- C $100 + (6 \times 7 + 2 \times 9) = d$
- D $100 - (6 \times 7 + 2 \times 9) = d$
-

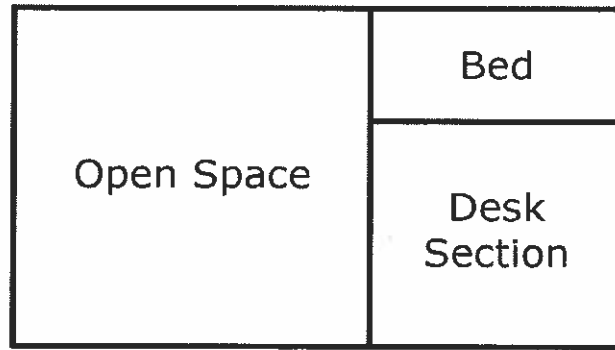
- 8 A numerical expression is shown below.

$$0.6 \times (1.5 + 0.9) \div 3$$

What is the value of this expression?

- F 18.9
- G 1.2
- H 30.9
- J 0.48

- 9 Kevin divided his bedroom into three sections, as shown in the diagram below.



- The bed section is a rectangle with a length of 6 feet and width of 4 feet.
- The open floor space is a square with a length of 12 feet.
- The desk section is a rectangle with a length of 6 feet and a width of 8 feet.

What is the area, in square feet, of Kevin's bedroom?

- A** 216 square feet
- B** 96 square feet
- C** 72 square feet
- D** 24 square feet

- 10 Carlos opened a new bakery. For his first month in business, he created the following budget.

Bakery Budget	
Expenses	Income
Ingredients ----- \$500	Bread ----- \$150
Baking Supplies ----- \$120	Cookies ----- \$210
Advertising ----- \$80	Cupcakes ----- \$200
	Cakes ----- \$400

Carlos wants to purchase a new mixer for his bakery but also have a balanced budget. Based on Carlos's current budget, what is the greatest amount of money he can spend on the new mixer?

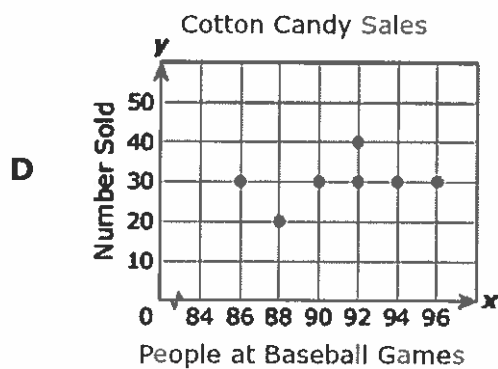
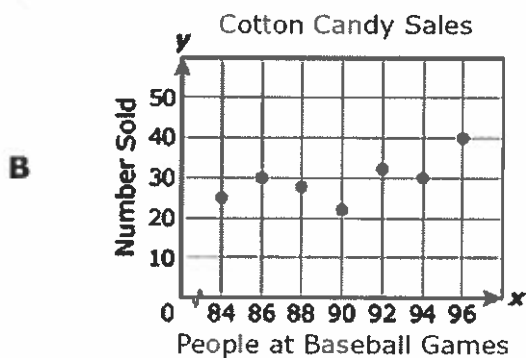
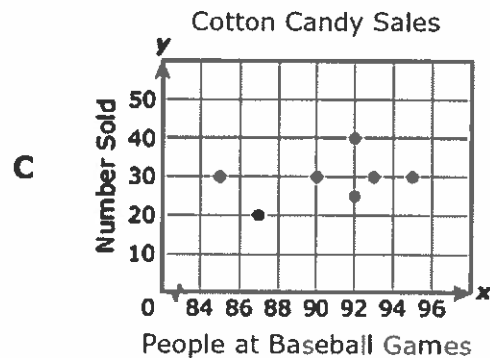
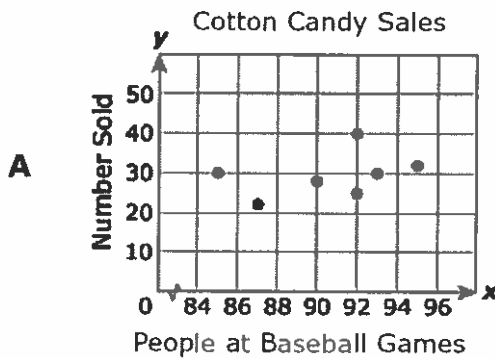
- F** \$260
- G** \$300
- H** \$200
- J** \$510

- 11 The table shows the numbers of people at baseball games and the numbers of cotton candy sold at a snack bar on seven days.

Cotton Candy Sales

People at Baseball Games	Number Sold
87	20
85	30
92	25
93	30
90	30
92	40
95	30

Which scatterplot best represents the data in the table?



12 Julian rides his bike 8.9 miles to the library every day. He rides his bike 0.68 miles more than his friend Angie. How many miles away is Angie from the library?

F 5.42 mi

G 6.98 mi

H 8.22 mi

J 9.3 mi

13 Trent paid a total of \$69.30 for a 14-week subscription to a food delivery service. He paid the same amount each week. What amount did Trent pay each week?

A \$55.30

B \$4.95

C \$6.24

D \$5.14

- 14 Ms. Vallarta is a dog trainer. The masses, in pounds, of the dogs she is currently training are given in the stem-and-leaf plot.

Mass of Dogs

Stem	Leaf
5	1 3 3 3 7
6	4 9
7	0
8	2 7 9
9	

6 | 4 means 64 pounds

What is the difference in the masses of the heaviest dog and the lightest dog?

- F 31
- G 36
- H 38
- J 29

15 A definition of a financial term is shown in the box.

A tax that is paid once per year on a home or business location.

Which term best fits this definition?

- A** Sales tax
- B** Income tax
- C** Property tax
- D** Payroll tax

BE SURE TO HAVE RECORDED ALL OF YOUR ANSWERS ON THE
ANSWER DOCUMENT.

