

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Unit 5 Math Post-Test

1. 5.OA.3

What is the pattern in the number of buttons?

Number of jackets	1	2	3	4
Number of buttons	8	16	24	32

- a. add 8
- b. multiply by 2
- c. subtract 7
- d. divide by 4

2. 5.OA.3

What is the rule that describes how the number of arms are related to the number of legs?

Number of chairs	1	2	3	4
Number of arms	2	4	6	8
Number of legs	4	8	12	16

- a. add 12
- b. multiply by 2
- c. multiply by 4
- d. add 4

3. 5.OA.3

Meredith is making lemonade for a party. Every time she adds a quart of water, she has to add 4 lemon slices and 6 tablespoons of lemonade mix. If she uses 5 quarts of water, how many lemon slices and tablespoons of lemonade mix will she use? Make a table if needed.

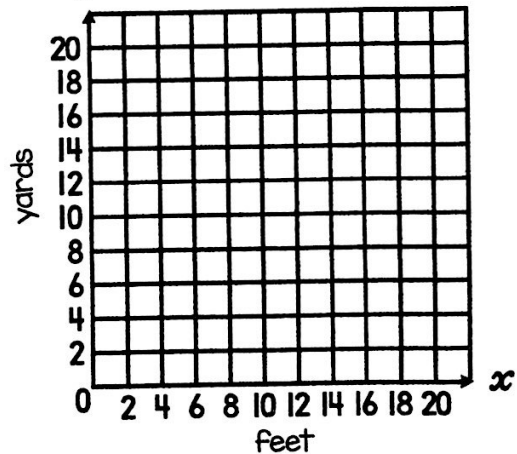
- a. 12 lemon slices and 18 tbsp. of lemonade mix
- b. 16 lemon slices and 24 tbsp. of lemonade mix
- c. 20 lemon slices and 30 tbsp. of lemonade mix
- d. 24 lemon slices and 36 tbsp. of lemonade mix

4. 5.OA.3

Derek is making hot chocolate for his children. For every child, he pours 8 ounces (oz.) of hot hot chocolate and adds 5 marshmallows. If he has 4 children, how much hot chocolate and marshmallows will he need? Make a table if needed.

- a. 32 oz. of hot chocolate and 20 marshmallows
- b. 24 oz. of hot chocolate and 15 marshmallows
- c. 48 oz. of hot chocolate and 24 marshmallows
- d. 16 oz. of hot chocolate and 8 marshmallows

5. 5.OA.3



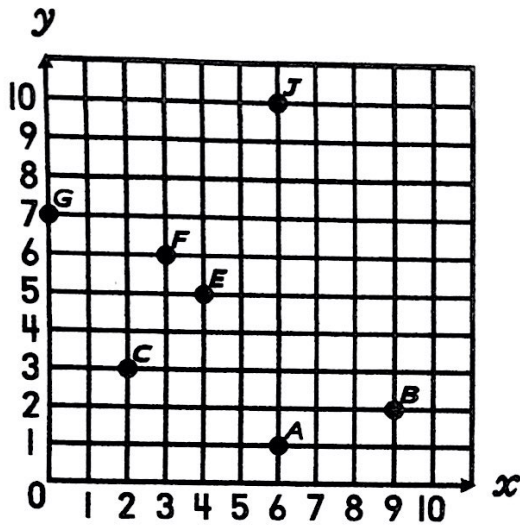
Use the grid to plot the points from the table and fill in the missing number.

Feet	1	2	3	4
Yards	3		9	12

Multiply the number of feet by \_\_\_\_\_ to find the number of yards. The missing number is \_\_\_\_\_

- a. 3, 6
- b. 3, 4
- c. 2, 6
- d. 2, 4

For questions 6 - 8, use the coordinate grid.



6. 5.G.1

Choose the correct ordered pair for J.

- a. (4, 5)
- b. (10, 6)
- c. (6, 10)
- d. (9, 2)

7. 5.G.1

Choose the correct ordered pair for E.

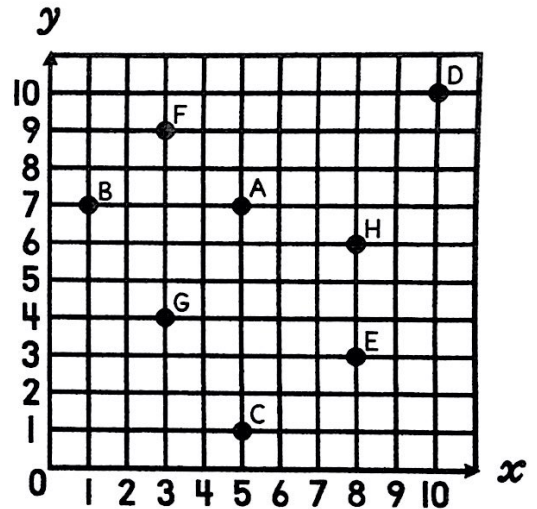
- a. (5, 4)
- b. (3, 6)
- c. (6, 3)
- d. (4, 5)

8. 5.G.1

Choose the correct ordered pair for G.

- a. (6, 1)
- b. (7, 0)
- c. (0, 7)
- d. (1, 8)

5.G.1 For questions 9 - 12, use the coordinate grid.



9. Which given point corresponds to the ordered pair?

(5, 1)

- a. A
- b. B
- c. C
- d. D

10. Which given point corresponds to the ordered pair?

(3, 9)

- a. E
- b. F
- c. G
- d. H

11. Which given point corresponds to the ordered pair?

(10, 10)

- a. A
- b. B
- c. C
- d. D

12. Which given point corresponds to the ordered pair?

(8, 3)

- a. E
- b. F
- c. G
- d. H

13. 5.G.1

What are the correct ordered pairs for the points in the data chart?

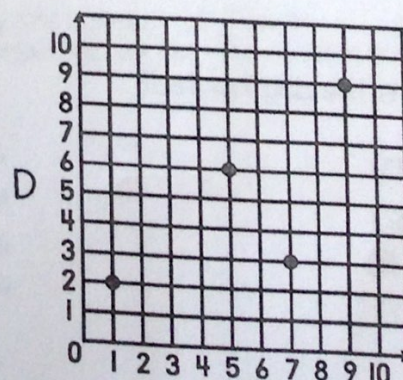
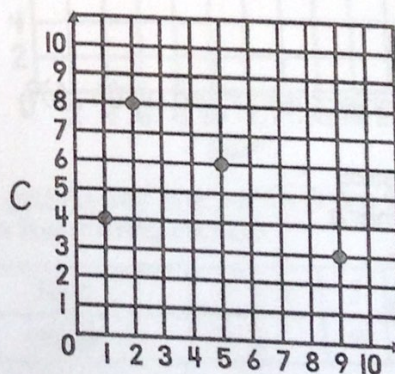
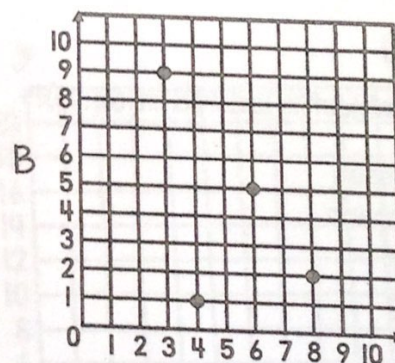
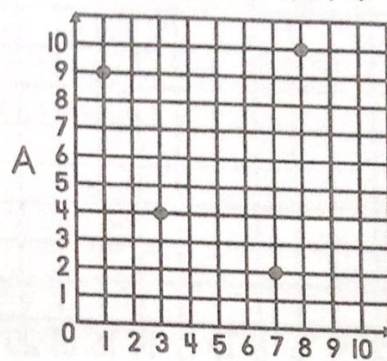
Babysitting Pay				
Time (in hours)	1	2	3	4
Pay (\$)	7	14	21	28

- a. (1, 7), (2, 14), (3, 21), (4, 28)
- b. (1, 2), (3, 4), (7, 14), (21, 28)
- c. (1, 14), (2, 7), (3, 28), (4, 21)
- d. (7, 14), (21, 28), (1, 2), (3, 4)

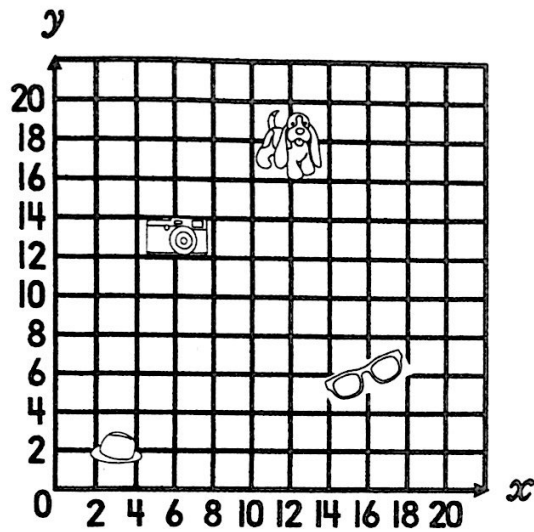
14. 5.G.1

Which coordinate grid shows the ordered pairs listed below?

(2, 8), (9, 3), (5, 6), (1, 4)



For questions 15 - 17, use the coordinate grid below.



15. 5.G.1

Which object is located at (6, 13)?

- a. glasses
- b. camera
- c. hat
- d. dog

16. 5.G.1

Which object is located at (16, 6)?

- a. glasses
- b. camera
- c. hat
- d. dog

17. 5.G.1

Where is the dog located?

- a. (6, 13)
- b. (18, 12)
- c. (12, 18)
- d. (3, 2)

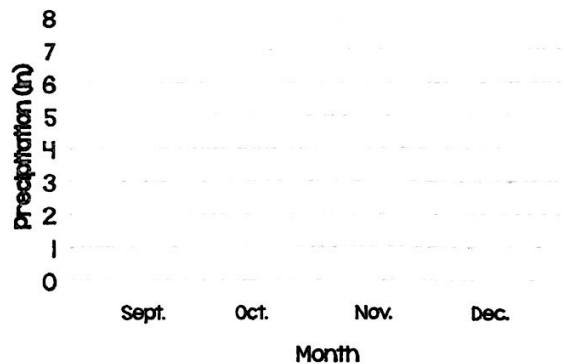
For questions 18 - 20, use the table below.

Average Precipitation in Seattle, WA				
Month	Sept.	Oct.	Nov.	Dec.
Precipitation (in)	1	3	6	5

18. 5.G.2

Make a line graph from the data in the table.

Average Precipitation in Seattle, WA



19. 5.G.2

Write the related data as ordered pairs.

(\_\_\_\_, \_\_\_\_), (\_\_\_\_, \_\_\_\_),

(\_\_\_\_, \_\_\_\_), (\_\_\_\_, \_\_\_\_)

20. 5.G.2

What is the difference in average precipitation from September to November?

- a. 3 inches
- b. 5 inches
- c. 1 inch
- d. 2 inches