TEST NAME: **Ratio Quiz - Retest (6.RP.1 & 6.RP.3)**
TEST ID: **1969726**
GRADE: **06 - Sixth Grade**
SUBJECT: **Mathematics**
TEST CATEGORY: **My Classroom**

1. **During swim practice Brandi swam 6 butterfly stroke laps and 8 freestyle laps. What is the ratio of freestyle laps to total laps?**

    A. 6:14

    B. 8:6

    C. 8:14

    D. 14:8

2. **Mrs. Jonah's class of 18 students checked out a total of 351 books from the library last year. What was the ratio of books to students?**

    A. 39 to 2

    B. 20 to 1

    C. 1 to 20

    D. 2 to 39

3. A drawing contained 5 circles, 8 triangles, and 6 squares. What is the ratio of circles to squares?

    A. 5 : 14

    B. 5 : 8

    C. 6 : 5

    D. 5 : 6

4. **In a class of 54 students there are 6 more girls than boys. What is the ratio of the number of boys to the number of girls?**

    A. 4 to 5

    B. 5 to 11

    C. 11 to 15

    D. 23 to 31

5. **A painter mixed 5 pints of white paint, 3 pints of blue paint, and 4 pints of yellow paint. He wrote the ratio 3:12. Which statement BEST describes this ratio?**

    A. the ratio of the number of pints of white and yellow paint to the number of pints of blue paint

    B. the ratio of the number of pints of blue paint to the number of pints of blue and yellow paint

    C. the ratio of the number of pints of yellow paint needed to make 4 times as much blue paint

    D. the ratio of the number of pints of blue paint to the total number of pints of paint

6. Eighteen people entered a race. Two people did not finish the race. What is the ratio of those who finished the race to those entered?

A. 9 : 8

B. 8 : 9

C. 1 : 8

D. 1 : 16

7. Mrs. Nance teaches three dance classes. She wants to keep the same ratio of male to female dancers in each class.

	Class1	Class 2	Class 3
Male	7	8	9
Female	21	?	27

How many female dancers does Mrs. Nance need in Class 2 to keep the ratio the same?

A. 17

B. 24

C. 32

D. 33

8. Bridget, Clara, and Taylor picked the same ratio of raspberries to blackberries and recorded their numbers in the table.

	Bridget's Totals	Clara's Totals	Taylor's Totals
Raspberries	18	24	?
Blackberries	15	20	25

How many raspberries did Taylor pick?

A. 30

B. 29

C. 28

D. 27

9. The table shows the cost of apples, given the number of pounds purchased.

Pounds (lb)	Cost ($)
2	5.00
5	12.50
8	20.00
11	27.50

At this rate, what would be the cost of 20 lb of apples?

A. $8

B. $40

C. $50

D. $100

10. The table below shows the number of problems correct on a test and the corresponding test score.

Test Scores

Number Correct	Score
25	100
24	96
23	92
22	88

At this rate, how many problems did a student get correct who received a test score of 72?

A. 21

B. 20

C. 19

D. 18

11. **The chart shows the total number of miles Zack has driven his car at the end of 3 years, 4 years, and 5 years.**

Year	Miles
3	35,700
4	47,600
5	59,500

If this pattern continues, how many miles will Zack have driven his car at the end of 6 years?
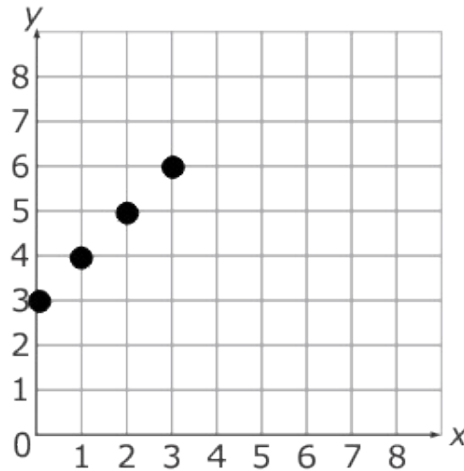
A. 61,400

B. 71,400

C. 83,300

D. 95,200

12.

The table shows the amount of flour needed for several servings in a recipe.

Cups of Flour	Servings
2	8
4	16
6	24

Based on this table, how many cups of flour are needed for 36 servings?

A. 8

B. 9

C. 12

D. 18

13. The graph below shows a pattern of data.

What is the value of *x* when *y*= 8?

A. 5

B. 6

C. 8

D. 10

14. A company rents tables and chairs together. The chart below shows the number of chairs that come with each table rented.

Tables	1	2	3	4
Chairs	6	12	18	24

A customer rented 7 tables. How many chairs will the customer receive?

A. 28

B. 30

C. 36

D. 42

15. Joe has developed a chart to help determine the ratio of vegetables to flowers in his garden.

Joe's Garden

Vegetables	Flowers
9	6
12	8
15	10
21	?

According to the table above, how many flowers should be planted to go with 21 vegetable plants?

A. 10

B. 12

C. 14

D. 16