Choose the correct answer.

1. Ronnie has 350 stamps in his stamp collection. He put 16 stamps on each page of his new stamp album, but he had fewer than 16 stamps to put on the last page. How many stamps did Ronnie put on the last page of the album?
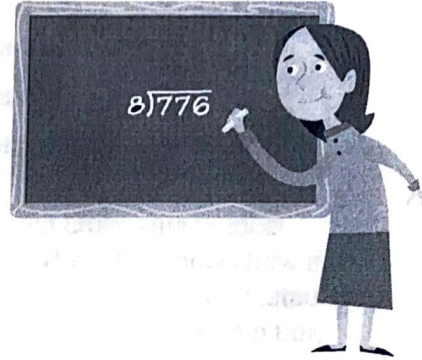
   A 12

   B) 14

   C 16

   D 21

2. Jackie divided 948 by 26 using partial quotients. What is missing from Jackie's work?

$$
\begin{array}{r}
36 \text{ r}12 \\
26\overline{)948} \\
\end{array}
$$

−260 ← 10 × 26	10	
688		
−260 ← 10 × 26	10	
428		
−260 ← 10 × 26	10	
168		
− □ ← 6 × 26	+ 6	
12	36	

   A 12

   B 36

   C) 156

   D 260

3. Mrs. Jacobs wrote a problem on the board.

   $8\overline{)776}$

   In what place is the first digit of the quotient for the problem 776 ÷ 8?

   A ones

   B) tens

   C hundreds

   D thousands

4. Mrs. Ortega bought a dishwasher that cost $579. She will make monthly payments in the amount of $28 until the dishwasher is paid in full. About how many payments will Mrs. Ortega make?

   A 12

   B) 20

   C 28

   D 30

GO ON

5. Ashley baked 162 muffins. She baked 12 muffins in each batch. How many batches of muffins did she bake?

   A 13

   B $13\frac{1}{2}$

   c 14

   D $14\frac{1}{2}$

6. Mr. Graves' fifth-grade class is selling packages of energy-saving light bulbs to raise money for a class trip. Each package costs $32. The students need to raise $2,500. About how many packages of light bulbs must they sell?

   A 30

   B 40

   C 80

   D 90

7. Melanie is 3 times as old as her cousin. The total of their ages is 36 years. How old is Melanie's cousin?

   A 9 years old

   B 12 years old

   c 27 years old

   D 33 years old

8. A bakery sold croissants to local restaurants. The table shows how many croissants were sold to each restaurant. The croissants were sold 6 to a box.

   Croissants Sold

Restaurant	Number of Croissants
The Coffee Counter	546
La Claudette	768
Bon Jour	858

   How many boxes of croissants did the bakery sell to La Claudette?

   A 4,608

   B 143

   C 128

   D 96

GO ON

9. Diego's custom skateboard shop will manufacture 4,272 skateboards in 1 year and 4 months. The shop will make an equal number of skateboards each month. The owner wants to know how many skateboards the shop will manufacture in one month. What is the first digit in the quotient for 4,272 ÷ 16?

(**A**) 2

B 3

C 4

D 5

10. Raul has 486 baseball cards in 9 albums. Each album has the same number of baseball cards. He wants to find the number of baseball cards in each album. In what place should Raul write the first digit of the quotient for the problem 486 ÷ 9?

A ones

(**B**) tens

C hundreds

D thousands

11. A local theater production sold out all seats for 28 shows. There were 6,300 tickets sold in all. Jessica wants to know how many seats are in the theater, and estimates that the first digit in the quotient of 6,300 ÷ 28 is 4. Which is the correct first digit of the quotient?

(**A**) 2

B 3

C 4

D 5

12. To complete a science experiment, Mrs. McWilliams divides 2,184 grams of a chemical equally among the 26 students in her science class. How many grams of the chemical does she give to each student?

(**A**) 84 grams

B 94 grams

C 364 grams

D 804 grams

GO ON

Write the correct answer.

13. There are 206 people who have signed up for cooking classes. If there will be 8 people in each class, what is the **least** number of classes needed for all the students to be registered in a class?

_____ 26 classes _____

14. A theater has 576 seats arranged in 64 rows. If there is the same number of seats in each row, how many seats are in one row?

_____ 9 seats _____

15. The number of girls in the choir is 4 times the number of boys in the choir. The total number of students in the choir is 60. How many girls are in the choir?

_____ 48 _____

16. Sandra bought glass beads to make bracelets. Each bracelet will have 5 beads. How many bracelets will Sandra be able to make if she bought 355 glass beads?

_____ 71 bracelets _____

GO ON

Name _____

17. Mr. Carter purchased 1,375 feet of outdoor electrical wire. The wire was rolled onto 30 spools equally with some left over. How much wire was left over?

_____ 25 feet _____

18. Aaron bought 132 inches of wire. He cut the wire into 9 pieces that were the same length. What was the length of each piece of wire?

_____ $14\frac{2}{3}$ inches _____

19. Lance earned 4 times as much money mowing lawns in July as he did in June. He earned a total of $140 during June and July. How much money did Lance earn in June?

_____ $28 _____

20. Erin decided to divide 1,653 by 27 using partial quotients with multiples of 20. What are all the partial quotients Erin should show in her work?

_____ 20, 20, 20, 1 _____

GO ON

Form B • Mixed Response

21. Elizabeth was assigned the problem 3,402 ÷ 6 for homework. In what place should Elizabeth write the first digit of the quotient for the problem 3,402 ÷ 6?

_____ hundreds _____

24. Doug plans to sell mugs at the craft fair for $21 each. He will need to make $182 to pay the rent for the space at the fair. About how many mugs will he need to sell to pay the rent?

Possible answer: about 9 mugs _____

22. The Pasta Mia company needs to ship 168 large cans of tomato sauce. They ship 8 cans in each box. How many boxes do they need for the shipment?

_____ 21 boxes _____

25. Carla is packing 768 baseball caps into boxes. She knows that 32 baseball caps will fit in each box. Carla divided the number of caps by 32 to find the number of boxes she needs. She estimated and placed the first digit in the quotient.

$$32\overline{)768}^{3}$$

Does Carla need to adjust the first digit in the quotient? If yes, what digit should she have written?

_____ Yes; 2 _____

23. Meagan uses shipping boxes to mail 850 bags of glass beads. Each box can hold 24 bags. If she fills each box, how many bags of glass beads will be left for the last box?

_____ 10 bags _____

GO ON