

Choose the correct answer.

1. Mr. Bryon bought a gas can with $4\frac{1}{4}$ gallons of gasoline in it. He used $\frac{1}{4}$ of the amount in the can to mow his lawn. How many gallons of gas did Mr. Bryon use to mow his lawn?
- A $1\frac{1}{16}$ gallons
- B $1\frac{1}{2}$ gallons
- C $3\frac{1}{12}$ gallons
- D 4 gallons
2. It took Mary Lou $\frac{5}{6}$ hour to write a report for her English class. It took Heather $\frac{9}{10}$ as much time to write her report as it took Mary Lou. Which statement is true?
- A It took them both the same amount of time.
- B Mary Lou spent less time writing her book report than Heather.
- C Mary Lou spent more time writing her book report than Heather.
- D It took Heather twice as long to write her book report than it took Mary Lou to write her book report.
3. The Gilberts are designing a rectangular patio for their backyard. The patio has an area of 432 square feet. The width of the patio is $\frac{3}{4}$ its length. What is the length of the patio?
- A 15 feet
- B 24 feet
- C 36 feet
- D 270 feet
4. Caleb took 24 photos at the zoo. Three-eighths of his photos are of giraffes. How many of Caleb's photos are of giraffes?
- A 6
- B 9
- C 12
- D 18

GO ON 

Name _____

Use the list of ingredients for 5–6.

Chicken Noodle Soup

- 4 cups chicken broth**
- 1 medium carrot, sliced**
- 1 stalk celery, sliced**
- $\frac{1}{2}$ cup uncooked egg noodles**
- $\frac{1}{8}$ teaspoon ground black pepper**
- 1 cup shredded cooked chicken**

5. What fraction of a cup of uncooked egg noodles should Robbie use to make $\frac{3}{4}$ of a batch of chicken noodle soup?

A $\frac{1}{4}$ cup

B $\frac{3}{8}$ cup

C $\frac{1}{2}$ cup

D $\frac{5}{8}$ cup

6. Robbie decides to make 12 batches of chicken noodle soup. How much ground black pepper should he use?

A $\frac{2}{3}$ teaspoon

B $1\frac{1}{4}$ teaspoons

C $1\frac{1}{2}$ teaspoons

D $12\frac{1}{8}$ teaspoons

7. Diana worked on her science project for $5\frac{1}{3}$ hours. Gabe worked on his science project $1\frac{1}{4}$ times as long as Diana. Which statement is true?

A Gabe spent more time on his science project than Diana did on hers.

B Diana worked on her science project longer than Gabe worked on his.

C Gabe worked on his science project twice as long as Diana worked on hers.

D They both worked on their science projects the same amount of time.

8. Ruby did a survey and found out that $\frac{5}{6}$ of her classmates have a pet and $\frac{2}{3}$ of those pets are dogs. What fraction of her classmates has dogs?

A $\frac{1}{6}$

B $\frac{1}{2}$

C $\frac{5}{9}$

D $\frac{7}{9}$

GO ON 

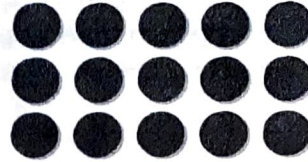
9. Jessica rides the bus $8\frac{4}{5}$ miles each day. What is the total number of miles she rides in 21 days?

A $184\frac{4}{5}$ miles
B $168\frac{4}{5}$ miles
C $29\frac{4}{5}$ miles
D $12\frac{1}{5}$ miles

10. A pool at a park takes up an area of 540 square yards. The length is $1\frac{2}{3}$ times as long as the width. Which of the following could be the dimensions of the pool?

A 21 yards by 35 yards
B 20 yards by 27 yards
C 15 yards by 36 yards
 D 18 yards by 30 yards

11. Logan bought 15 balloons. Four-fifths of the balloons are purple.




How many of the balloons are purple?

A 15
 B 12
C 5
D 3

12. Mr. Roberts wrote 4 statements on the board and asked the class which one was true. Which of the following statements is true?

A $\frac{9}{10} \times \frac{3}{5}$ is less than $\frac{9}{10}$.
B $\frac{2}{3} \times 3$ is greater than 3.
C $\frac{5}{8} \times \frac{5}{8}$ is equal to $\frac{5}{8}$.
D $\frac{1}{3} \times 3$ is less than $\frac{1}{3}$.

GO ON 

Name _____

17. Mr. Rodriguez ordered 12 cabinets. One-third of the cabinets are brown.



How many of the cabinets are brown?

4 cabinets

18. Brianna has a rug that has an area of 24 square feet. The width of the rug is $\frac{2}{3}$ the length of the rug. What is the width of the rug?

4 feet

19. In a shipment of CDs to a music store, $\frac{5}{8}$ of the CDs are pop and $\frac{1}{4}$ of the CDs are country music. If there are 72 CDs in the shipment, how many CDs are either pop or country music?

63 CDs

20. Ms. Toyama bought a total of $\frac{2}{3}$ ton of white and brown landscape rocks. The weight of the white rocks is $\frac{1}{4}$ of the total weight. What is the weight of the white rocks?

$\frac{1}{6}$ ton

GO ON 

Name _____

21. The table shows how many hours some of the part-time employees at the pizza shop worked last week.

Pizza Shop

Name	Hours Worked
Conrad	$6\frac{2}{5}$
Giovanni	$9\frac{1}{2}$
Sally	$10\frac{3}{4}$

Louisa worked $\frac{1}{3}$ times as long as Giovanni worked. For how many hours did Louisa work last week?

3 $\frac{1}{6}$ hours

22. Kyleigh is making a bowl of punch. The recipe calls for $2\frac{1}{4}$ cups of sherbet. If she uses $1\frac{2}{3}$ of that amount, will she be using *more than*, *less than*, or the *same* amount of sherbet?

more than

23. Mrs. Liamson places 16 gift baskets on a shelf in her store. One-fourth of the gift baskets have pink tennis balls in them.



How many of the gift baskets have pink tennis balls?

4 gift baskets

24. Veronica cut 20 pieces of ribbon from a long piece of ribbon. She tied a piece of ribbon around each balloon she blew up for a party. Each piece was $\frac{2}{3}$ yard long. What was the length of the long piece of ribbon?

13 $\frac{1}{3}$ yards

25. Dwayne will multiply the amount of each ingredient of a brownie recipe by 4 to make brownies for a bake sale at school. If the recipe calls for $\frac{1}{3}$ cup of oil, will he need *more than* or *less than* $\frac{1}{3}$ cup of oil to make all the brownies?

more than

GO ON 