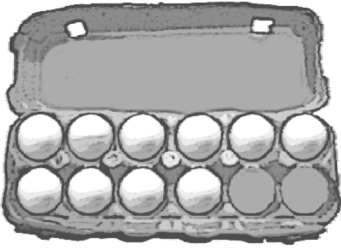


Learning Goal 1.2 Goal: Fractions

Name: _____

Date: _____

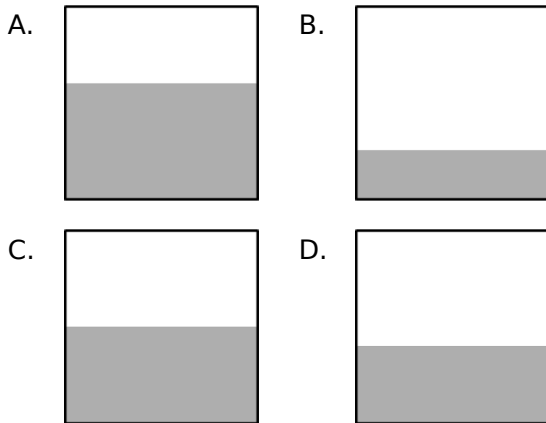
1. Mary used some of the eggs from the carton below to make breakfast.



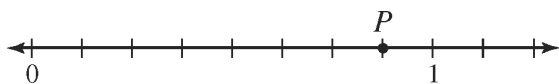
What portion of the eggs did Mary use to make breakfast?

- A. $\frac{2}{12}$ B. $\frac{2}{10}$ C. $\frac{2}{6}$ D. $\frac{10}{12}$

2. About $\frac{2}{5}$ of the wetlands in the continental United States are in Louisiana. Which square's shaded area models Louisiana's portion of the wetlands?

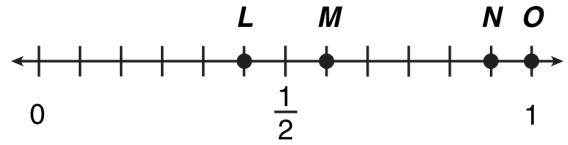


3. What fraction is best represented by point *P* on this number line?



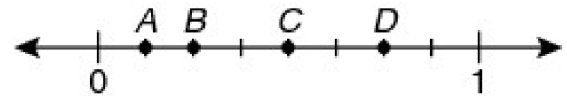
- A. $\frac{1}{8}$ B. $\frac{1}{5}$ C. $\frac{3}{4}$ D. $\frac{7}{8}$

4. Which point is located at $\frac{7}{12}$ on the number line below?



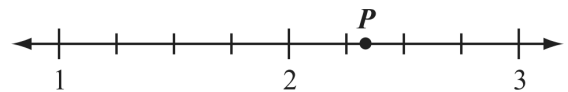
- A. *L* B. *M* C. *N* D. *O*

5. Which point shows the fraction $\frac{1}{4}$ on the number line?



- A. Point A B. Point B
C. Point C D. Point D

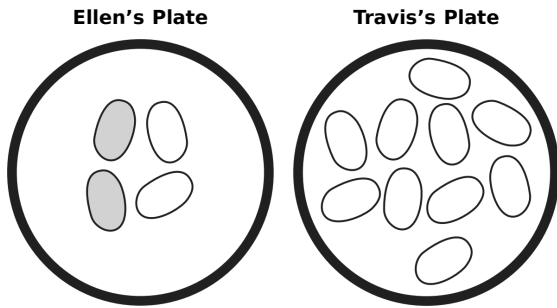
6. The location of point *P* is shown on the number line below.



Which of the following numbers is best represented by point *P*?

- A. $2\frac{1}{3}$ B. $2\frac{1}{2}$ C. $2\frac{2}{3}$ D. $3\frac{2}{3}$

7. Ellen and Travis drew pictures of grapes on paper plates. The pictures are shown below.



Ellen shaded some of the grapes on her plate. Travis wants to shade the same fraction of grapes on his plate. How many of the grapes on Travis's plate should be shaded?

- A. 2 B. 4 C. 5 D. 8
8. What is $\frac{12}{60}$ expressed in lowest terms?
- A. $\frac{1}{8}$ B. $\frac{1}{6}$ C. $\frac{1}{5}$ D. $\frac{1}{4}$
9. In Edward's class, $\frac{18}{24}$ of the students like swimming better than they like running. What is $\frac{18}{24}$ in **simplest** form?
- A. $\frac{2}{3}$ B. $\frac{3}{4}$ C. $\frac{6}{8}$ D. $\frac{9}{12}$
10. Johannah collects posters. She has 3 animal posters, 4 posters of sports teams, and 2 posters of musical bands. What fraction of her posters is of sports teams?
- A. $\frac{2}{9}$ B. $\frac{3}{9}$ C. $\frac{4}{9}$ D. $\frac{5}{9}$

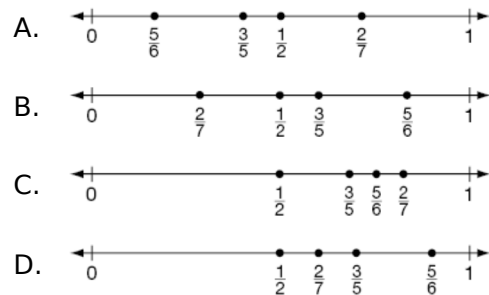
11. Wally eats breakfast $\frac{1}{3}$ of the mornings he goes to school. Which is another way to describe this?

- A. Wally eats breakfast 12 out of 20 school mornings.
- B. Wally eats breakfast 8 out of 16 school mornings.
- C. Wally eats breakfast 6 out of 8 school mornings.
- D. Wally eats breakfast 5 out of 15 school mornings.

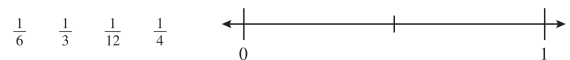
12. Amal, Trina, Josie, and Mya each have the same number of folders. The list below shows the fraction of each girl's folders that is yellow.

- $\frac{1}{2}$ of Amal's folders are yellow
- $\frac{2}{7}$ of Trina's folders are yellow
- $\frac{5}{6}$ of Josie's folders are yellow
- $\frac{3}{5}$ of Mya's folders are yellow

Which number line correctly shows the fraction of each girl's folders that is yellow?



13. The picture below shows four fractions and a number line. Wilson's homework is to place a point on the number line for the location of each of the fractions.



If Wilson places the fractions correctly, which fraction will be closest to 0 on the number line?

- A. $\frac{1}{6}$ B. $\frac{1}{3}$ C. $\frac{1}{12}$ D. $\frac{1}{4}$

14. Which of the following is equivalent to the expression below?

$$\frac{2}{5} + \frac{1}{4}$$

- A. $\frac{2}{20}$ B. $\frac{3}{20}$ C. $\frac{9}{20}$ D. $\frac{13}{20}$

15. Which of the following is equivalent to the expression below?

$$3\frac{1}{4} + 1\frac{1}{2}$$

- A. $4\frac{1}{4}$ B. $4\frac{3}{4}$ C. $5\frac{1}{4}$ D. $5\frac{3}{4}$

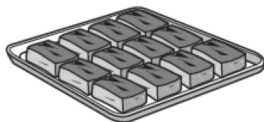
16. Which of the following is equivalent to the expression below?

$$5\frac{1}{4} - 2\frac{1}{2}$$

- A. $2\frac{1}{2}$ B. $2\frac{3}{4}$ C. $3\frac{1}{4}$ D. $3\frac{1}{2}$

17. Wendall baked a pan of 12 brownies, as shown below.

**Wendall's
Brownies**



Wendall gives $\frac{5}{6}$ of the brownies to Stefanie. How many brownies did Stefanie get?

- A. 5 brownies B. 6 brownies
C. 10 brownies D. 11 brownies

18. Adanna exercises for $\frac{1}{2}$ hour every day. For how many total hours does Adanna exercise in 5 days?

- A. $\frac{2}{5}$ hour B. $2\frac{1}{2}$ hours
C. 4 hours D. 10 hours

19. Dan's Sporting Goods received a shipment of 120 sweatshirts.

- Half of the sweatshirts were size large.
- One-fourth of the large sweatshirts were red.

What was the total number of sweatshirts in the shipment that were both size large and red?

- A. 15 B. 20 C. 30 D. 75

20. A farmer mows one-fifth of an acre each day. If his property has three acres, how many days will it take to mow it all?

- A. 3 days B. 5 days
C. 8 days D. 15 days

21. A dog's food bowl holds 2 cups of dog food. Pete uses a scoop that holds $\frac{1}{3}$ of a cup of dog food.

How many scoops will it take for Pete to fill the dog bowl?

- A. 6 B. 5 C. 4 D. 3

Learning Goal 1.2 Goal: Fractions 8/12/2018

1.
Answer: A
2.
Answer: D
3.
Answer: D
4.
Answer: B
5.
Answer: B
6.
Answer: A
7.
Answer: C
8.
Answer: C
9.
Answer: B
10.
Answer: C
11.
Answer: D
12.
Answer: B
13.
Answer: C
14.
Answer: D
15.
Answer: B
16.
Answer: B
17.
Answer: C
18.
Answer: B
19.
Answer: A
20.
Answer: D
21.
Answer: A