

LESSON**Practice B****5-6** ***Multiplying Fractions Using Repeated Addition***

Multiply. Write each answer in simplest form.

1. $5 \cdot \frac{1}{10}$

2. $6 \cdot \frac{1}{18}$

3. $4 \cdot \frac{1}{14}$

4. $3 \cdot \frac{1}{12}$

5. $2 \cdot \frac{1}{8}$

6. $6 \cdot \frac{1}{10}$

7. $3 \cdot \frac{1}{6}$

8. $3 \cdot \frac{5}{12}$

9. $3 \cdot \frac{2}{7}$

10. $2 \cdot \frac{3}{8}$

11. $10 \cdot \frac{3}{15}$

12. $8 \cdot \frac{2}{14}$

13. $5 \cdot \frac{2}{10}$

14. $4 \cdot \frac{4}{12}$

15. $2 \cdot \frac{13}{20}$

Evaluate $6x$ for each value of x . Write the answer in simplest form.

16. $x = \frac{2}{3}$

17. $x = \frac{2}{8}$

18. $x = \frac{1}{4}$

19. $x = \frac{2}{6}$

20. $x = \frac{2}{7}$

21. $x = \frac{2}{5}$

22. $x = \frac{3}{11}$

23. $x = \frac{5}{12}$

- 24.** Thomas spends 60 minutes exercising. For $\frac{1}{4}$ of that time, he jumps rope. How many minutes does he spend jumping rope?
- _____

- 25.** Kylie made a 4-ounce milk shake. Two-thirds of the milk shake was ice cream. How many ounces of ice cream did Kylie use in the shake?
- _____

LESSON**5-6****Problem Solving*****Multiplying Fractions Using Repeated Addition***

Write the answers in simplest form.

1. Did you know that some people have more bones than the rest of the population? About $\frac{1}{20}$ of all people have an extra rib bone. In a crowd of 60 people, about how many people are likely have an extra rib bone?

2. The Appalachian National Scenic Trail is the longest marked walking path in the United States. It extends through 14 states for about 2,000 miles. Last year, Carla hiked $\frac{1}{5}$ of the trail. How many miles of the trail did she hike?

3. Human fingernails can grow up to $\frac{1}{10}$ of a millimeter each day. How much can fingernails grow in one week?

4. Most people dream about $\frac{1}{4}$ of the time they sleep. How long will you probably dream tonight if you sleep for 8 hours?

Circle the letter of the correct answer.

5. Today, the United States flag has 50 stars—one for each state. The first official U.S. flag was approved in 1795. It had $\frac{3}{10}$ as many stars as today's flag. How many stars were on the first official U.S. flag?
A 5 stars
B 10 stars
C 15 stars
D 35 stars
6. The Statue of Liberty is about 305 feet tall from the ground to the tip of her torch. The statue's pedestal makes up about $\frac{1}{2}$ of its height. About how tall is the pedestal of the Statue of Liberty?
F 610 feet
G 152 $\frac{1}{2}$ feet
H 150 $\frac{1}{2}$ feet
J 102 $\frac{1}{2}$ feet
7. The Caldwells own a 60-acre farm. They planted $\frac{3}{5}$ of the land with corn. How many acres of corn did they plant?
A 12 acres
B 36 acres
C 20 acres
D 18 acres
8. Objects on Uranus weigh about $\frac{4}{5}$ of their weight on Earth. If a dog weighs 40 pounds on Earth, how much would it weigh on Uranus?
F 32 pounds
G 10 pounds
H 8 pounds
J 30 pounds