

LESSON

Practice B

5-6

*Multiplying Fractions by Whole Numbers***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. $3 \cdot \frac{1}{6}$

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

6. $3 \cdot \frac{2}{7}$

7. $2 \cdot \frac{3}{8}$

8. $10 \cdot \frac{3}{15}$

9. $8 \cdot \frac{2}{14}$

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

11. $4 \cdot \frac{4}{12}$

12. $2 \cdot \frac{13}{20}$

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

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

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

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

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

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

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

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

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

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

22. 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
5-7**Practice B****Multiplying Fractions****Multiply. Write each answer in simplest form.**

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

2. $\frac{1}{3} \cdot \frac{7}{8}$

3. $\frac{2}{3} \cdot \frac{4}{6}$

4. $\frac{1}{4} \cdot \frac{10}{11}$

5. $\frac{3}{5} \cdot \frac{2}{3}$

6. $\frac{8}{9} \cdot \frac{3}{4}$

7. $\frac{3}{8} \cdot \frac{4}{5}$

8. $\frac{2}{7} \cdot \frac{3}{4}$

9. $\frac{1}{6} \cdot \frac{2}{3}$

Evaluate the expression $x \cdot \frac{1}{5}$ for each value of x . Write the answer in simplest form.

10. $x = \frac{3}{7}$

11. $x = \frac{5}{6}$

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

13. $x = \frac{10}{11}$

14. $x = \frac{5}{8}$

15. $x = \frac{4}{5}$

16. A cookie recipe calls for $\frac{2}{3}$ cup of brown sugar. Jesse is making $\frac{1}{4}$ of the recipe. How much brown sugar will he need?

17. Nancy spent $\frac{7}{8}$ hour working out at the gym. She spent $\frac{5}{7}$ of that time lifting weights. What fraction of an hour did she spend lifting weights?
