

**LESSON** **3-10** **Practice A**  
**Multiplying Fractions and Mixed Numbers**

Multiply. Choose the letter for the best answer.

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

A  $\frac{1}{56}$

B  $\frac{7}{15}$

C  $\frac{3}{4}$

D  $\frac{7}{8}$

2.  $\frac{2}{5} \cdot \frac{3}{4}$

F  $\frac{1}{4}$

G  $\frac{2}{3}$

H  $\frac{3}{10}$

J  $\frac{5}{9}$

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

A  $2\frac{2}{5}$

B 12

C  $13\frac{1}{5}$

D  $14\frac{2}{5}$

4.  $1\frac{1}{4} \cdot 2\frac{2}{3}$

F  $2\frac{1}{6}$

G  $3\frac{1}{3}$

H  $3\frac{2}{3}$

J  $3\frac{11}{12}$

Multiply. Write each answer in simplest form.

5.  $4 \cdot \frac{1}{2}$

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6.  $8 \cdot \frac{1}{4}$

\_\_\_\_\_

7.  $10 \cdot \frac{1}{5}$

\_\_\_\_\_

8.  $\frac{1}{2} \cdot \frac{1}{4}$

\_\_\_\_\_

9.  $\frac{1}{4} \cdot -\frac{2}{3}$

\_\_\_\_\_

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

\_\_\_\_\_

11.  $-16 \cdot \frac{3}{4}$

\_\_\_\_\_

12.  $24 \cdot \frac{5}{6}$

\_\_\_\_\_

13.  $32 \cdot \frac{3}{8}$

\_\_\_\_\_

14.  $2\frac{1}{4} \cdot \frac{1}{2}$

\_\_\_\_\_

15.  $3\frac{1}{3} \cdot \frac{3}{5}$

\_\_\_\_\_

16.  $5\frac{1}{3} \cdot \frac{1}{4}$

\_\_\_\_\_

17.  $1\frac{1}{2} \cdot 1\frac{1}{5}$

\_\_\_\_\_

18.  $1\frac{2}{5} \cdot 2\frac{3}{4}$

\_\_\_\_\_

19.  $2\frac{2}{7} \cdot 3\frac{1}{8}$

\_\_\_\_\_

20. Louis spent 12 hours last week practicing guitar. If  $\frac{1}{4}$  of the time was spent practicing chords, how much time did he spend practicing chords?

\_\_\_\_\_

21. A banana bread recipe calls for  $\frac{1}{4}$  tsp salt. Diane is making 5 loaves of banana bread. How much salt does she need?

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