

Lesson 6-1

Reinforce Understanding

6.1–6.2 • Extra Practice — Part 2

I can divide a whole number by a fraction, a fraction by a fraction, and a mixed number by a fraction, by turning whole numbers and mixed numbers into fractions first and then using Keep, Change, Flip.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Divide the whole number by the unit fraction: $5 \div \frac{1}{2}$.

Circle the letter of the best answer. Show how you know.

- A. 10
- B. $2\frac{1}{2}$
- C. $\frac{5}{2}$
- D. 3

Show your work

2. Divide the fraction by the fraction: $\frac{2}{3} \div \frac{1}{6}$.

Circle the letter of the best answer. Show how you know.

- A. 4
- B. $\frac{1}{9}$
- C. 12
- D. $\frac{2}{9}$

Show your work

3. Divide the fraction by the fraction: $\frac{3}{4} \div \frac{1}{8}$.

Complete each step, then write the final answer.

1. Keep the first fraction: ____.
2. Use the reciprocal of $\frac{1}{8}$: ____.
3. Multiply and simplify: ____.

Answer: _____