

Lesson 6-2 • Catch-up

Reinforce Understanding

6.1 • 6.2 Catch-Up

I can show I am caught up on Lessons 6.1 • 6.2 by using each lesson's big idea in mixed practice.

Worked model

A pitcher holds $\frac{8}{9}$ liter of lemonade. Each glass takes $\frac{2}{9}$ liter. How many glasses can be filled?

1. Write the division. $\frac{8}{9} \div \frac{2}{9}$
2. Keep, Change, Flip. Keep $\frac{8}{9}$, change $\div$ to $\times$, flip the divisor to $\frac{9}{2}$
3. Multiply across. $\frac{8}{9} \times \frac{9}{2} = \frac{72}{18}$
4. Simplify. $\frac{72}{18} = 4$ glasses

Answer: The pitcher fills 4 glasses that each hold $\frac{2}{9}$ liter.

Practice

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

1. (Lesson 6.1) What does $3 \div \frac{1}{4}$ mean?

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

- A. How many $\frac{1}{4}$ -size pieces fit into 3
- B. $\frac{1}{4}$ of 3
- C. 3 groups of $\frac{1}{4}$
- D. 3 minus $\frac{1}{4}$

Show your work

2. (Lesson 6.1) Which expression means 'how many $\frac{1}{3}$ -size pieces are in 2'?

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

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

Show your work

3. (Lesson 6.2) What is the reciprocal of $\frac{3}{5}$?

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

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