

5th Grade- Unit 3: Section B  
Extra Practice Problems

1. (Lesson 10)

For each pair of expressions, decide which is greater.

Explain your choice without calculating the value of the expressions.

a.  $210 \div 4$  or  $210 \div 6$

b.  $210 \div 5$  or  $120 \div 3$

2. (Lesson 11)

A pan of macaroni and cheese is  $\frac{1}{5}$  full. Four friends split the remaining macaroni and cheese equally.

a. Make a drawing that represents the situation.

b. Write a division expression representing how much of a pan each friend gets.

c. Explain how the drawing shows the division expression.

3. (Lesson 12)

a. Use the diagram to represent the expression  $\frac{1}{8} \div 3$ .



b. Explain how the diagram shows  $\frac{1}{8} \div 3$ .

c. What is the value of  $\frac{1}{8} \div 3$ ?

4. (Lesson 13)

Mai has a strip of paper that is 5 feet long. She cuts it into  $\frac{1}{3}$  foot strips.

a. How many  $\frac{1}{3}$  foot strips does Mai make? Explain or show your reasoning.

b. Write a division equation to represent your answer.

5. (Lesson 14)

Find the value of each expression.

a.  $8 \div \frac{1}{4}$

b.  $3 \div \frac{1}{4}$

c.  $4 \div \frac{1}{6}$

d.  $5 \div \frac{1}{8}$

6. (Lesson 15)

Solve each problem. Write an equation showing your answer.

a. There are 6 liters of water. How many  $\frac{1}{4}$  liter bottles of water is that?

b. 6 friends split  $\frac{1}{2}$  pound of dried fruit equally. How many pounds of fruit does each friend get?

7. (Lesson 16)

Find the value of each expression. Explain or show your reasoning.

a.  $4 \div \frac{1}{4}$

b.  $\frac{1}{6} \div 9$