

# Independent Practice

## 6.6

NAME \_\_\_\_\_

### Module 6 Computational Fluency of Fractions Lesson 6 Dividing Fractions

Divide.

1.  $\frac{1}{2} \div 3$

2.  $\frac{5}{8} \div 5$

3.  $\frac{3}{7} \div 2$

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

5.  $5\frac{1}{4} \div 7$

6.  $10\frac{4}{5} \div 3$

7. Mary feeds her cat the same amount of food each day. If she feeds her cat  $6\frac{1}{8}$  cups of food over seven days, how much will the cat eat each day?

Divide.

8.  $10 \div \frac{1}{2}$

9.  $5 \div 2\frac{1}{2}$

10.  $\frac{2}{5} \div \frac{2}{7}$

11.  $\frac{1}{3} \div \frac{1}{3}$

12.  $2\frac{3}{4} \div 1\frac{1}{8}$

13.  $7\frac{1}{2} \div 1\frac{3}{7}$

Evaluate.

14.  $\frac{3}{5} \times \frac{1}{2} \div \frac{9}{10}$

15.  $1\frac{5}{9} + 3\frac{1}{2} \div 7$

## Journal

1. Use the rules for dividing to explain why a proper fraction divided by itself equals one.
2. Explain two ways to find the quotient  $\frac{3}{5} \div \frac{1}{2}$ .
3. Use an example to tell why the quotient of a whole number divided by a proper fraction is greater than the whole number.

## Cumulative Review

### Evaluate.

1.  $2^6$

2.  $3^3 - 1^4$

3.  $5^{-3}$

### Add or subtract.

4.  $\frac{4}{5} + \frac{1}{4}$

5.  $\frac{7}{8} - \frac{1}{4}$

6.  $1\frac{2}{3} + 3\frac{5}{6}$

7.  $16 - 7\frac{1}{5}$

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**Module 6 Computational Fluency of Fractions**

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**Multiply.**

8.  $5 \times \frac{4}{5}$

9.  $\frac{1}{2} \times \frac{4}{9}$

10.  $7\frac{1}{3} \times \frac{6}{11}$

11.  $2\frac{2}{5} \times 4\frac{1}{6}$

# Additional Work Area