

SPARK Hybrid Education Center

Mathematics | Lower Level | Week 3

Multiplying & Dividing Fractions

Name: _____ Date: _____ Period: _____

Practice Problems

1. Multiply: $\frac{5}{8} \times \frac{4}{7}$

2. Multiply: $2\frac{1}{2} \times 1\frac{1}{3}$

3. Divide: $\frac{3}{4} \div \frac{3}{8}$

4. Divide: $4 \div \frac{2}{3}$

5. Divide: $2\frac{1}{4} \div 1\frac{1}{2}$

6. A ribbon is $\frac{4}{5}$ yard long. How many $\frac{1}{10}$ -yard pieces can be cut?

7. A recipe needs $\frac{3}{4}$ cup sugar per batch. How much for $2\frac{1}{2}$ batches?

8. Is $\frac{2}{3} \div \frac{1}{4}$ the same as $\frac{2}{3} \times \frac{4}{1}$? Explain.

9. Multiply: $\frac{3}{5} \times \frac{10}{9}$ (simplify before multiplying)

10. CHALLENGE: A rectangular garden is $2\frac{2}{3}$ ft wide and $3\frac{3}{4}$ ft long. What is its area?

ANSWER KEY (Teacher Copy - Cut before distributing)

1. $\frac{5}{14}$
2. $3\frac{1}{3}$
3. 2
4. 6
5. $1\frac{1}{2}$
6. 8 pieces
7. $1\frac{7}{8}$ cups
8. Yes - dividing by a fraction = multiplying by its reciprocal
9. $\frac{2}{3}$
10. 10 sq ft

