

# Multiplying and Dividing Proper and Mixed Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{1}{6} \div 3\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{1}{6} \div 1\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $\frac{1}{2} \times 3\frac{3}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

4.  $\frac{1}{2} \times 2\frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5.  $\frac{5}{6} \div 3\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $\frac{1}{2} \div 3\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $\frac{1}{3} \div 2\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $3\frac{1}{3} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9.  $1\frac{2}{7} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $3\frac{3}{8} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \frac{1}{6} \div 3\frac{3}{8} = \frac{1}{6} \div \frac{27}{8} = \frac{1}{6} \times \frac{8}{27} = \frac{8}{162} = \frac{4}{81}$$

$$2. \frac{1}{6} \div 1\frac{2}{3} = \frac{1}{6} \div \frac{5}{3} = \frac{1}{6} \times \frac{3}{5} = \frac{3}{30} = \frac{1}{10}$$

$$3. \frac{1}{2} \times 3\frac{3}{5} = \frac{1}{2} \times \frac{18}{5} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$

$$4. \frac{1}{2} \times 2\frac{2}{5} = \frac{1}{2} \times \frac{12}{5} = \frac{12}{10} = \frac{6}{5} = 1\frac{1}{5}$$

$$5. \frac{5}{6} \div 3\frac{5}{6} = \frac{5}{6} \div \frac{23}{6} = \frac{5}{6} \times \frac{6}{23} = \frac{30}{138} = \frac{5}{23}$$

$$6. \frac{1}{2} \div 3\frac{1}{8} = \frac{1}{2} \div \frac{25}{8} = \frac{1}{2} \times \frac{8}{25} = \frac{8}{50} = \frac{4}{25}$$

$$7. \frac{1}{3} \div 2\frac{1}{9} = \frac{1}{3} \div \frac{19}{9} = \frac{1}{3} \times \frac{9}{19} = \frac{9}{57} = \frac{3}{19}$$

$$8. 3\frac{1}{3} \times \frac{1}{2} = \frac{10}{3} \times \frac{1}{2} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. 1\frac{2}{7} \times \frac{1}{3} = \frac{9}{7} \times \frac{1}{3} = \frac{9}{21} = \frac{3}{7}$$

$$10. 3\frac{3}{8} \times \frac{1}{3} = \frac{27}{8} \times \frac{1}{3} = \frac{27}{24} = \frac{9}{8} = 1\frac{1}{8}$$