

# Multiplying and Dividing Proper and Mixed Fractions (H)

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

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

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

Calculate each result.

1.  $1\frac{1}{5} \div \frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

4.  $\frac{4}{9} \times 3\frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $1\frac{1}{6} \times \frac{1}{4} = \text{---} \times \text{---} = \text{---}$

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

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

8.  $\frac{5}{8} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

10.  $\frac{1}{4} \div 3\frac{5}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{5} \div \frac{5}{6} = \frac{6}{5} \div \frac{5}{6} = \frac{6}{5} \times \frac{6}{5} = \frac{36}{25} = 1\frac{11}{25}$$

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

$$3. \quad 2\frac{1}{5} \times \frac{1}{3} = \frac{11}{5} \times \frac{1}{3} = \frac{11}{15}$$

$$4. \quad \frac{4}{9} \times 3\frac{1}{3} = \frac{4}{9} \times \frac{10}{3} = \frac{40}{27} = 1\frac{13}{27}$$

$$5. \quad 1\frac{1}{6} \times \frac{1}{4} = \frac{7}{6} \times \frac{1}{4} = \frac{7}{24}$$

$$6. \quad \frac{3}{7} \times 1\frac{1}{2} = \frac{3}{7} \times \frac{3}{2} = \frac{9}{14}$$

$$7. \quad \frac{1}{2} \div 1\frac{3}{5} = \frac{1}{2} \div \frac{8}{5} = \frac{1}{2} \times \frac{5}{8} = \frac{5}{16}$$

$$8. \quad \frac{5}{8} \div 3\frac{2}{3} = \frac{5}{8} \div \frac{11}{3} = \frac{5}{8} \times \frac{3}{11} = \frac{15}{88}$$

$$9. \quad \frac{2}{3} \div 3\frac{1}{2} = \frac{2}{3} \div \frac{7}{2} = \frac{2}{3} \times \frac{2}{7} = \frac{4}{21}$$

$$10. \quad \frac{1}{4} \div 3\frac{5}{7} = \frac{1}{4} \div \frac{26}{7} = \frac{1}{4} \times \frac{7}{26} = \frac{7}{104}$$