

# Multiplying and Dividing Mixed Fractions (H)

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

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

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

Calculate each result.

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

2.  $4\frac{3}{5} \times 1\frac{5}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $2\frac{5}{6} \div 3\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5.  $5\frac{3}{4} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $5\frac{2}{5} \div 4\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $3\frac{2}{3} \div 5\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $2\frac{1}{5} \times 4\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $4\frac{1}{4} \div 5\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $1\frac{1}{2} \times 2\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Mixed Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 3\frac{1}{7} \div 2\frac{3}{5} = \frac{22}{7} \div \frac{13}{5} = \frac{22}{7} \times \frac{5}{13} = \frac{110}{91} = 1\frac{19}{91}$$

$$2. \quad 4\frac{3}{5} \times 1\frac{5}{6} = \frac{23}{5} \times \frac{11}{6} = \frac{253}{30} = 8\frac{13}{30}$$

$$3. \quad 2\frac{5}{6} \div 3\frac{3}{8} = \frac{17}{6} \div \frac{27}{8} = \frac{17}{6} \times \frac{8}{27} = \frac{136}{162} = \frac{68}{81}$$

$$4. \quad 1\frac{1}{5} \times 5\frac{1}{2} = \frac{6}{5} \times \frac{11}{2} = \frac{66}{10} = \frac{33}{5} = 6\frac{3}{5}$$

$$5. \quad 5\frac{3}{4} \times 3\frac{1}{2} = \frac{23}{4} \times \frac{7}{2} = \frac{161}{8} = 20\frac{1}{8}$$

$$6. \quad 5\frac{2}{5} \div 4\frac{2}{9} = \frac{27}{5} \div \frac{38}{9} = \frac{27}{5} \times \frac{9}{38} = \frac{243}{190} = 1\frac{53}{190}$$

$$7. \quad 3\frac{2}{3} \div 5\frac{7}{9} = \frac{11}{3} \div \frac{52}{9} = \frac{11}{3} \times \frac{9}{52} = \frac{99}{156} = \frac{33}{52}$$

$$8. \quad 2\frac{1}{5} \times 4\frac{2}{3} = \frac{11}{5} \times \frac{14}{3} = \frac{154}{15} = 10\frac{4}{15}$$

$$9. \quad 4\frac{1}{4} \div 5\frac{1}{4} = \frac{17}{4} \div \frac{21}{4} = \frac{17}{4} \times \frac{4}{21} = \frac{68}{84} = \frac{17}{21}$$

$$10. \quad 1\frac{1}{2} \times 2\frac{1}{2} = \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3\frac{3}{4}$$