

# Multiplying and Dividing Proper and Mixed Fractions (A)

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{3} \div \frac{3}{4} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Convert ↑                      Inversion                      Result                      Convert ↓

$$2. \quad \frac{5}{6} \div 2\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$3. \quad 2\frac{3}{7} \times \frac{1}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$4. \quad 1\frac{3}{8} \times \frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$5. \quad \frac{1}{8} \div 1\frac{4}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$6. \quad \frac{2}{5} \div 1\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$7. \quad \frac{1}{3} \times 2\frac{4}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$8. \quad \frac{1}{4} \div 1\frac{4}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$9. \quad \frac{1}{2} \times 3\frac{5}{6} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

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

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

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

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

Calculate each result.

$$1. \quad 1\frac{1}{3} \div \frac{3}{4} = \frac{4}{3} \div \frac{3}{4} = \frac{4}{3} \times \frac{4}{3} = \frac{16}{9} = 1\frac{7}{9}$$

$$2. \quad \frac{5}{6} \div 2\frac{4}{5} = \frac{5}{6} \div \frac{14}{5} = \frac{5}{6} \times \frac{5}{14} = \frac{25}{84}$$

$$3. \quad 2\frac{3}{7} \times \frac{1}{5} = \frac{17}{7} \times \frac{1}{5} = \frac{17}{35}$$

$$4. \quad 1\frac{3}{8} \times \frac{1}{2} = \frac{11}{8} \times \frac{1}{2} = \frac{11}{16}$$

$$5. \quad \frac{1}{8} \div 1\frac{4}{5} = \frac{1}{8} \div \frac{9}{5} = \frac{1}{8} \times \frac{5}{9} = \frac{5}{72}$$

$$6. \quad \frac{2}{5} \div 1\frac{1}{2} = \frac{2}{5} \div \frac{3}{2} = \frac{2}{5} \times \frac{2}{3} = \frac{4}{15}$$

$$7. \quad \frac{1}{3} \times 2\frac{4}{5} = \frac{1}{3} \times \frac{14}{5} = \frac{14}{15}$$

$$8. \quad \frac{1}{4} \div 1\frac{4}{7} = \frac{1}{4} \div \frac{11}{7} = \frac{1}{4} \times \frac{7}{11} = \frac{7}{44}$$

$$9. \quad \frac{1}{2} \times 3\frac{5}{6} = \frac{1}{2} \times \frac{23}{6} = \frac{23}{12} = 1\frac{11}{12}$$

$$10. \quad 2\frac{3}{4} \times \frac{1}{3} = \frac{11}{4} \times \frac{1}{3} = \frac{11}{12}$$