

Multiplying and Dividing Proper and Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

Convert ↑ Inversion Result Simplify

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

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

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

$$5. \quad 3\frac{5}{9} \times \frac{1}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$6. \quad \frac{1}{3} \div 1\frac{1}{3} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$7. \quad 2\frac{8}{9} \times \frac{1}{2} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

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

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

Multiplying and Dividing Proper and Mixed Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{2}{3} \div 2\frac{4}{7} = \frac{2}{3} \div \frac{18}{7} = \frac{2}{3} \times \frac{7}{18} = \frac{14}{54} = \frac{7}{27}$$

$$2. \frac{1}{2} \div 3\frac{3}{4} = \frac{1}{2} \div \frac{15}{4} = \frac{1}{2} \times \frac{4}{15} = \frac{4}{30} = \frac{2}{15}$$

$$3. \frac{3}{4} \times 2\frac{1}{3} = \frac{3}{4} \times \frac{7}{3} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$4. \frac{3}{4} \div 1\frac{1}{5} = \frac{3}{4} \div \frac{6}{5} = \frac{3}{4} \times \frac{5}{6} = \frac{15}{24} = \frac{5}{8}$$

$$5. 3\frac{5}{9} \times \frac{1}{4} = \frac{32}{9} \times \frac{1}{4} = \frac{32}{36} = \frac{8}{9}$$

$$6. \frac{1}{3} \div 1\frac{1}{3} = \frac{1}{3} \div \frac{4}{3} = \frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

$$7. 2\frac{8}{9} \times \frac{1}{2} = \frac{26}{9} \times \frac{1}{2} = \frac{26}{18} = \frac{13}{9} = 1\frac{4}{9}$$

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

$$9. 1\frac{1}{2} \times \frac{1}{6} = \frac{3}{2} \times \frac{1}{6} = \frac{3}{12} = \frac{1}{4}$$

$$10. \frac{1}{3} \div 2\frac{1}{3} = \frac{1}{3} \div \frac{7}{3} = \frac{1}{3} \times \frac{3}{7} = \frac{3}{21} = \frac{1}{7}$$