

# Dividing Fractions (A)

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

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

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

Calculate each quotient.

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

Inversion                  Result          Simplify          Convert ↓

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

$$3. \quad \frac{2}{3} \div \frac{18}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

$$5. \quad \frac{2}{3} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

$$7. \quad \frac{1}{8} \div \frac{17}{8} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$8. \quad \frac{1}{6} \div \frac{4}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

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

$$10. \quad \frac{5}{8} \div \frac{5}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$$

## Dividing Fractions (A) Answers

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

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

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

Calculate each quotient.

$$1. \quad \frac{8}{7} \div \frac{2}{3} = \frac{8}{7} \times \frac{3}{2} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

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

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

$$4. \quad \frac{1}{8} \div \frac{9}{4} = \frac{1}{8} \times \frac{4}{9} = \frac{4}{72} = \frac{1}{18}$$

$$5. \quad \frac{2}{3} \div \frac{8}{3} = \frac{2}{3} \times \frac{3}{8} = \frac{6}{24} = \frac{1}{4}$$

$$6. \quad \frac{1}{5} \div \frac{6}{5} = \frac{1}{5} \times \frac{5}{6} = \frac{5}{30} = \frac{1}{6}$$

$$7. \quad \frac{1}{8} \div \frac{17}{8} = \frac{1}{8} \times \frac{8}{17} = \frac{8}{136} = \frac{1}{17}$$

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

$$9. \quad \frac{5}{6} \div \frac{3}{2} = \frac{5}{6} \times \frac{2}{3} = \frac{10}{18} = \frac{5}{9}$$

$$10. \quad \frac{5}{8} \div \frac{5}{4} = \frac{5}{8} \times \frac{4}{5} = \frac{20}{40} = \frac{1}{2}$$