

# Dividing Fractions (A)

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

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

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

Calculate each quotient.

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

Convert ↑                      Inversion                      Result                      Simplify

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

$$3. \quad \frac{11}{4} \div \frac{1}{4} = \text{---} \times \text{---} = \text{---} =$$

$$4. \quad 1\frac{4}{7} \div \frac{11}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$6. \quad \frac{5}{6} \div 1\frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

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

$$8. \quad \frac{1}{6} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$$

$$9. \quad \frac{9}{4} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$$

$$10. \quad \frac{1}{4} \div \frac{7}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$$

## Dividing Fractions (A) Answers

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

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

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

Calculate each quotient.

$$1. \quad \frac{2}{3} \div 2\frac{1}{3} = \frac{2}{3} \div \frac{7}{3} = \frac{2}{3} \times \frac{3}{7} = \frac{6}{21} = \frac{2}{7}$$

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

$$3. \quad \frac{11}{4} \div \frac{1}{4} = \frac{11}{4} \times \frac{4}{1} = \frac{44}{4} = 11$$

$$4. \quad 1\frac{4}{7} \div \frac{11}{3} = \frac{11}{7} \div \frac{11}{3} = \frac{11}{7} \times \frac{3}{11} = \frac{33}{77} = \frac{3}{7}$$

$$5. \quad 3\frac{3}{5} \div \frac{3}{8} = \frac{18}{5} \div \frac{3}{8} = \frac{18}{5} \times \frac{8}{3} = \frac{144}{15} = \frac{48}{5} = 9\frac{3}{5}$$

$$6. \quad \frac{5}{6} \div 1\frac{3}{8} = \frac{5}{6} \div \frac{11}{8} = \frac{5}{6} \times \frac{8}{11} = \frac{40}{66} = \frac{20}{33}$$

$$7. \quad 1\frac{1}{3} \div \frac{2}{7} = \frac{4}{3} \div \frac{2}{7} = \frac{4}{3} \times \frac{7}{2} = \frac{28}{6} = \frac{14}{3} = 4\frac{2}{3}$$

$$8. \quad \frac{1}{6} \div 2\frac{1}{4} = \frac{1}{6} \div \frac{9}{4} = \frac{1}{6} \times \frac{4}{9} = \frac{4}{54} = \frac{2}{27}$$

$$9. \quad \frac{9}{4} \div 1\frac{1}{2} = \frac{9}{4} \div \frac{3}{2} = \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

$$10. \quad \frac{1}{4} \div \frac{7}{2} = \frac{1}{4} \times \frac{2}{7} = \frac{2}{28} = \frac{1}{14}$$