

# Dividing Fractions (F)

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

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

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

Calculate each quotient.

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

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

3.  $2\frac{2}{3} \div \frac{10}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{1}{3} \div \frac{27}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

5.  $\frac{31}{8} \div 3\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $1\frac{1}{9} \div \frac{15}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7.  $\frac{2}{3} \div \frac{32}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9.  $\frac{9}{5} \div 3\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10.  $\frac{26}{7} \div \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Dividing Fractions (F) Answers

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

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

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

Calculate each quotient.

$$1. \quad 2\frac{1}{2} \div \frac{4}{5} = \frac{5}{2} \div \frac{4}{5} = \frac{5}{2} \times \frac{5}{4} = \frac{25}{8} = 3\frac{1}{8}$$

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

$$3. \quad 2\frac{2}{3} \div \frac{10}{3} = \frac{8}{3} \div \frac{10}{3} = \frac{8}{3} \times \frac{3}{10} = \frac{24}{30} = \frac{4}{5}$$

$$4. \quad \frac{1}{3} \div \frac{27}{8} = \frac{1}{3} \div \frac{27}{8} = \frac{1}{3} \times \frac{8}{27} = \frac{8}{81}$$

$$5. \quad \frac{31}{8} \div 3\frac{1}{3} = \frac{31}{8} \div \frac{10}{3} = \frac{31}{8} \times \frac{3}{10} = \frac{93}{80} = 1\frac{13}{80}$$

$$6. \quad 1\frac{1}{9} \div \frac{15}{7} = \frac{10}{9} \div \frac{15}{7} = \frac{10}{9} \times \frac{7}{15} = \frac{70}{135} = \frac{14}{27}$$

$$7. \quad \frac{2}{3} \div \frac{32}{9} = \frac{2}{3} \times \frac{9}{32} = \frac{18}{96} = \frac{3}{16}$$

$$8. \quad 1\frac{1}{3} \div 1\frac{1}{3} = \frac{4}{3} \div \frac{4}{3} = \frac{4}{3} \times \frac{3}{4} = \frac{12}{12} = 1$$

$$9. \quad \frac{9}{5} \div 3\frac{1}{8} = \frac{9}{5} \div \frac{25}{8} = \frac{9}{5} \times \frac{8}{25} = \frac{72}{125}$$

$$10. \quad \frac{26}{7} \div \frac{1}{3} = \frac{26}{7} \times \frac{3}{1} = \frac{78}{7} = 11\frac{1}{7}$$