

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{5}{6} \div 2\frac{8}{9} =$

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

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

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

5. $\frac{1}{4} \div 1\frac{1}{4} =$

6. $\frac{3}{5} \div 1\frac{1}{2} =$

7. $\frac{1}{3} \div 2\frac{4}{9} =$

8. $\frac{1}{3} \div 2\frac{2}{3} =$

9. $\frac{1}{7} \div 2\frac{6}{7} =$

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

Dividing Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{5}{6} \div 2\frac{8}{9} = \frac{5}{6} \div \frac{26}{9} = \frac{5}{6} \times \frac{9}{26} = \frac{45}{156} = \frac{15}{52}$$

$$2. \frac{2}{7} \div 3\frac{1}{3} = \frac{2}{7} \div \frac{10}{3} = \frac{2}{7} \times \frac{3}{10} = \frac{6}{70} = \frac{3}{35}$$

$$3. \frac{6}{7} \div 1\frac{1}{2} = \frac{6}{7} \div \frac{3}{2} = \frac{6}{7} \times \frac{2}{3} = \frac{12}{21} = \frac{4}{7}$$

$$4. 1\frac{3}{8} \div \frac{3}{4} = \frac{11}{8} \div \frac{3}{4} = \frac{11}{8} \times \frac{4}{3} = \frac{44}{24} = \frac{11}{6} = 1\frac{5}{6}$$

$$5. \frac{1}{4} \div 1\frac{1}{4} = \frac{1}{4} \div \frac{5}{4} = \frac{1}{4} \times \frac{4}{5} = \frac{4}{20} = \frac{1}{5}$$

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

$$7. \frac{1}{3} \div 2\frac{4}{9} = \frac{1}{3} \div \frac{22}{9} = \frac{1}{3} \times \frac{9}{22} = \frac{9}{66} = \frac{3}{22}$$

$$8. \frac{1}{3} \div 2\frac{2}{3} = \frac{1}{3} \div \frac{8}{3} = \frac{1}{3} \times \frac{3}{8} = \frac{3}{24} = \frac{1}{8}$$

$$9. \frac{1}{7} \div 2\frac{6}{7} = \frac{1}{7} \div \frac{20}{7} = \frac{1}{7} \times \frac{7}{20} = \frac{7}{140} = \frac{1}{20}$$

$$10. \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$