

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{16}{5} \div \frac{12}{5} =$

2. $\frac{3}{4} \div \frac{3}{2} =$

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

4. $\frac{31}{8} \div \frac{7}{2} =$

5. $\frac{10}{7} \div \frac{5}{2} =$

6. $\frac{24}{7} \div \frac{12}{5} =$

7. $\frac{20}{9} \div \frac{15}{7} =$

8. $\frac{13}{8} \div \frac{13}{8} =$

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

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

Dividing Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{16}{5} \div \frac{12}{5} = \frac{16}{5} \times \frac{5}{12} = \frac{80}{60} = \frac{4}{3} = 1\frac{1}{3}$$

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

$$3. \frac{5}{8} \div \frac{1}{2} = \frac{5}{8} \times \frac{2}{1} = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

$$4. \frac{31}{8} \div \frac{7}{2} = \frac{31}{8} \times \frac{2}{7} = \frac{62}{56} = \frac{31}{28} = 1\frac{3}{28}$$

$$5. \frac{10}{7} \div \frac{5}{2} = \frac{10}{7} \times \frac{2}{5} = \frac{20}{35} = \frac{4}{7}$$

$$6. \frac{24}{7} \div \frac{12}{5} = \frac{24}{7} \times \frac{5}{12} = \frac{120}{84} = \frac{10}{7} = 1\frac{3}{7}$$

$$7. \frac{20}{9} \div \frac{15}{7} = \frac{20}{9} \times \frac{7}{15} = \frac{140}{135} = \frac{28}{27} = 1\frac{1}{27}$$

$$8. \frac{13}{8} \div \frac{13}{8} = \frac{13}{8} \times \frac{8}{13} = \frac{104}{104} = 1$$

$$9. \frac{1}{3} \div \frac{7}{6} = \frac{1}{3} \times \frac{6}{7} = \frac{6}{21} = \frac{2}{7}$$

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