

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{9}{5} \div 3 =$

2. $9 \div \frac{12}{5} =$

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

4. $3 \div \frac{21}{8} =$

5. $8 \div \frac{16}{9} =$

6. $\frac{3}{2} \div 9 =$

7. $\frac{16}{7} \div 8 =$

8. $\frac{9}{8} \div 3 =$

9. $6 \div \frac{8}{3} =$

10. $\frac{18}{7} \div 8 =$

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad \frac{9}{5} \div 3 = \frac{9}{5} \div \frac{3}{1} = \frac{9}{5} \times \frac{1}{3} = \frac{9}{15} = \frac{3}{5}$$

$$2. \quad 9 \div \frac{12}{5} = \frac{9}{1} \div \frac{12}{5} = \frac{9}{1} \times \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

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

$$4. \quad 3 \div \frac{21}{8} = \frac{3}{1} \div \frac{21}{8} = \frac{3}{1} \times \frac{8}{21} = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

$$5. \quad 8 \div \frac{16}{9} = \frac{8}{1} \div \frac{16}{9} = \frac{8}{1} \times \frac{9}{16} = \frac{72}{16} = \frac{9}{2} = 4\frac{1}{2}$$

$$6. \quad \frac{3}{2} \div 9 = \frac{3}{2} \div \frac{9}{1} = \frac{3}{2} \times \frac{1}{9} = \frac{3}{18} = \frac{1}{6}$$

$$7. \quad \frac{16}{7} \div 8 = \frac{16}{7} \div \frac{8}{1} = \frac{16}{7} \times \frac{1}{8} = \frac{16}{56} = \frac{2}{7}$$

$$8. \quad \frac{9}{8} \div 3 = \frac{9}{8} \div \frac{3}{1} = \frac{9}{8} \times \frac{1}{3} = \frac{9}{24} = \frac{3}{8}$$

$$9. \quad 6 \div \frac{8}{3} = \frac{6}{1} \div \frac{8}{3} = \frac{6}{1} \times \frac{3}{8} = \frac{18}{8} = \frac{9}{4} = 2\frac{1}{4}$$

$$10. \quad \frac{18}{7} \div 8 = \frac{18}{7} \div \frac{8}{1} = \frac{18}{7} \times \frac{1}{8} = \frac{18}{56} = \frac{9}{28}$$