

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{11}{7} \div 2 =$

3. $3 \div \frac{20}{7} =$

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

5. $7 \div \frac{15}{7} =$

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

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

8. $\frac{20}{7} \div 3 =$

9. $\frac{17}{6} \div 6 =$

10. $\frac{15}{8} \div 4 =$

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 9 \div \frac{4}{3} = \frac{9}{1} \div \frac{4}{3} = \frac{9}{1} \times \frac{3}{4} = \frac{27}{4} = 6\frac{3}{4}$$

$$2. \quad \frac{11}{7} \div 2 = \frac{11}{7} \div \frac{2}{1} = \frac{11}{7} \times \frac{1}{2} = \frac{11}{14}$$

$$3. \quad 3 \div \frac{20}{7} = \frac{3}{1} \div \frac{20}{7} = \frac{3}{1} \times \frac{7}{20} = \frac{21}{20} = 1\frac{1}{20}$$

$$4. \quad \frac{9}{5} \div 2 = \frac{9}{5} \div \frac{2}{1} = \frac{9}{5} \times \frac{1}{2} = \frac{9}{10}$$

$$5. \quad 7 \div \frac{15}{7} = \frac{7}{1} \div \frac{15}{7} = \frac{7}{1} \times \frac{7}{15} = \frac{49}{15} = 3\frac{4}{15}$$

$$6. \quad 5 \div \frac{12}{5} = \frac{5}{1} \div \frac{12}{5} = \frac{5}{1} \times \frac{5}{12} = \frac{25}{12} = 2\frac{1}{12}$$

$$7. \quad 2 \div \frac{9}{7} = \frac{2}{1} \div \frac{9}{7} = \frac{2}{1} \times \frac{7}{9} = \frac{14}{9} = 1\frac{5}{9}$$

$$8. \quad \frac{20}{7} \div 3 = \frac{20}{7} \div \frac{3}{1} = \frac{20}{7} \times \frac{1}{3} = \frac{20}{21}$$

$$9. \quad \frac{17}{6} \div 6 = \frac{17}{6} \div \frac{6}{1} = \frac{17}{6} \times \frac{1}{6} = \frac{17}{36}$$

$$10. \quad \frac{15}{8} \div 4 = \frac{15}{8} \div \frac{4}{1} = \frac{15}{8} \times \frac{1}{4} = \frac{15}{32}$$