

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{19}{6} \div \frac{19}{8} =$

2. $\frac{12}{7} \div \frac{17}{9} =$

3. $\frac{5}{2} \div \frac{17}{8} =$

4. $\frac{4}{5} \div \frac{5}{6} =$

5. $\frac{20}{7} \div \frac{4}{9} =$

6. $\frac{17}{6} \div \frac{1}{3} =$

7. $\frac{22}{7} \div \frac{8}{7} =$

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

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

10. $\frac{5}{9} \div \frac{25}{8} =$

Dividing Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \frac{19}{6} \div \frac{19}{8} = \frac{19}{6} \times \frac{8}{19} = \frac{152}{114} = \frac{4}{3} = 1\frac{1}{3}$$

$$2. \frac{12}{7} \div \frac{17}{9} = \frac{12}{7} \times \frac{9}{17} = \frac{108}{119}$$

$$3. \frac{5}{2} \div \frac{17}{8} = \frac{5}{2} \times \frac{8}{17} = \frac{40}{34} = \frac{20}{17} = 1\frac{3}{17}$$

$$4. \frac{4}{5} \div \frac{5}{6} = \frac{4}{5} \times \frac{6}{5} = \frac{24}{25}$$

$$5. \frac{20}{7} \div \frac{4}{9} = \frac{20}{7} \times \frac{9}{4} = \frac{180}{28} = \frac{45}{7} = 6\frac{3}{7}$$

$$6. \frac{17}{6} \div \frac{1}{3} = \frac{17}{6} \times \frac{3}{1} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$$

$$7. \frac{22}{7} \div \frac{8}{7} = \frac{22}{7} \times \frac{7}{8} = \frac{154}{56} = \frac{11}{4} = 2\frac{3}{4}$$

$$8. \frac{3}{2} \div \frac{3}{2} = \frac{3}{2} \times \frac{2}{3} = \frac{6}{6} = 1$$

$$9. \frac{7}{2} \div \frac{7}{3} = \frac{7}{2} \times \frac{3}{7} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$10. \frac{5}{9} \div \frac{25}{8} = \frac{5}{9} \times \frac{8}{25} = \frac{40}{225} = \frac{8}{45}$$