

Dividing Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{27}{8} \div \frac{5}{6} =$

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

3. $\frac{29}{8} \div \frac{7}{2} =$

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

5. $\frac{35}{9} \div \frac{31}{9} =$

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

7. $\frac{18}{5} \div \frac{4}{7} =$

8. $\frac{32}{9} \div \frac{5}{3} =$

9. $\frac{9}{5} \div \frac{24}{7} =$

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

Dividing Fractions (G) Answers

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Calculate each quotient.

$$1. \quad \frac{27}{8} \div \frac{5}{6} = \frac{27}{8} \times \frac{6}{5} = \frac{162}{40} = \frac{81}{20} = 4\frac{1}{20}$$

$$2. \quad \frac{8}{3} \div \frac{20}{7} = \frac{8}{3} \times \frac{7}{20} = \frac{56}{60} = \frac{14}{15}$$

$$3. \quad \frac{29}{8} \div \frac{7}{2} = \frac{29}{8} \times \frac{2}{7} = \frac{58}{56} = \frac{29}{28} = 1\frac{1}{28}$$

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

$$5. \quad \frac{35}{9} \div \frac{31}{9} = \frac{35}{9} \times \frac{9}{31} = \frac{315}{279} = \frac{35}{31} = 1\frac{4}{31}$$

$$6. \quad \frac{31}{8} \div \frac{7}{4} = \frac{31}{8} \times \frac{4}{7} = \frac{124}{56} = \frac{31}{14} = 2\frac{3}{14}$$

$$7. \quad \frac{18}{5} \div \frac{4}{7} = \frac{18}{5} \times \frac{7}{4} = \frac{126}{20} = \frac{63}{10} = 6\frac{3}{10}$$

$$8. \quad \frac{32}{9} \div \frac{5}{3} = \frac{32}{9} \times \frac{3}{5} = \frac{96}{45} = \frac{32}{15} = 2\frac{2}{15}$$

$$9. \quad \frac{9}{5} \div \frac{24}{7} = \frac{9}{5} \times \frac{7}{24} = \frac{63}{120} = \frac{21}{40}$$

$$10. \quad \frac{10}{3} \div \frac{10}{3} = \frac{10}{3} \times \frac{3}{10} = \frac{30}{30} = 1$$