

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{11}{9} \div \frac{7}{6} =$

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

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

4. $\frac{5}{3} \div \frac{13}{6} =$

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

6. $\frac{5}{2} \div \frac{7}{4} =$

7. $\frac{20}{9} \div \frac{8}{5} =$

8. $\frac{23}{8} \div \frac{17}{8} =$

9. $\frac{9}{8} \div \frac{5}{2} =$

10. $\frac{17}{9} \div \frac{5}{3} =$

Dividing Fractions (B) Answers

Name: _____

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Calculate each quotient.

$$1. \quad \frac{11}{9} \div \frac{7}{6} = \frac{11}{9} \times \frac{6}{7} = \frac{66}{63} = \frac{22}{21} = 1\frac{1}{21}$$

$$2. \quad \frac{3}{2} \div \frac{5}{2} = \frac{3}{2} \times \frac{2}{5} = \frac{6}{10} = \frac{3}{5}$$

$$3. \quad \frac{8}{3} \div \frac{5}{3} = \frac{8}{3} \times \frac{3}{5} = \frac{24}{15} = \frac{8}{5} = 1\frac{3}{5}$$

$$4. \quad \frac{5}{3} \div \frac{13}{6} = \frac{5}{3} \times \frac{6}{13} = \frac{30}{39} = \frac{10}{13}$$

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

$$6. \quad \frac{5}{2} \div \frac{7}{4} = \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$7. \quad \frac{20}{9} \div \frac{8}{5} = \frac{20}{9} \times \frac{5}{8} = \frac{100}{72} = \frac{25}{18} = 1\frac{7}{18}$$

$$8. \quad \frac{23}{8} \div \frac{17}{8} = \frac{23}{8} \times \frac{8}{17} = \frac{184}{136} = \frac{23}{17} = 1\frac{6}{17}$$

$$9. \quad \frac{9}{8} \div \frac{5}{2} = \frac{9}{8} \times \frac{2}{5} = \frac{18}{40} = \frac{9}{20}$$

$$10. \quad \frac{17}{9} \div \frac{5}{3} = \frac{17}{9} \times \frac{3}{5} = \frac{51}{45} = \frac{17}{15} = 1\frac{2}{15}$$