

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

4. $\frac{7}{3} \div \frac{17}{6} =$

5. $\frac{23}{8} \div \frac{9}{8} =$

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

7. $\frac{4}{3} \div \frac{4}{3} =$

8. $\frac{3}{2} \div \frac{9}{4} =$

9. $\frac{13}{6} \div \frac{16}{9} =$

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

Dividing Fractions (E) Answers

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Calculate each quotient.

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

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

$$3. \quad \frac{17}{8} \div \frac{3}{2} = \frac{17}{8} \times \frac{2}{3} = \frac{34}{24} = \frac{17}{12} = 1\frac{5}{12}$$

$$4. \quad \frac{7}{3} \div \frac{17}{6} = \frac{7}{3} \times \frac{6}{17} = \frac{42}{51} = \frac{14}{17}$$

$$5. \quad \frac{23}{8} \div \frac{9}{8} = \frac{23}{8} \times \frac{8}{9} = \frac{184}{72} = \frac{23}{9} = 2\frac{5}{9}$$

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

$$7. \quad \frac{4}{3} \div \frac{4}{3} = \frac{4}{3} \times \frac{3}{4} = \frac{12}{12} = 1$$

$$8. \quad \frac{3}{2} \div \frac{9}{4} = \frac{3}{2} \times \frac{4}{9} = \frac{12}{18} = \frac{2}{3}$$

$$9. \quad \frac{13}{6} \div \frac{16}{9} = \frac{13}{6} \times \frac{9}{16} = \frac{117}{96} = \frac{39}{32} = 1\frac{7}{32}$$

$$10. \quad \frac{4}{3} \div \frac{8}{3} = \frac{4}{3} \times \frac{3}{8} = \frac{12}{24} = \frac{1}{2}$$