

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $5\frac{1}{3} \div 2\frac{1}{2} =$

3. $1\frac{1}{5} \div 3\frac{2}{9} =$

4. $3\frac{4}{5} \div 3\frac{1}{2} =$

5. $3\frac{1}{3} \div 4\frac{1}{2} =$

6. $2\frac{1}{2} \div 4\frac{4}{9} =$

7. $4\frac{2}{5} \div 3\frac{1}{2} =$

8. $1\frac{2}{9} \div 1\frac{4}{5} =$

9. $5\frac{2}{5} \div 2\frac{1}{6} =$

10. $3\frac{7}{8} \div 1\frac{3}{5} =$

Dividing Fractions (E) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{8} \div 1\frac{1}{3} = \frac{17}{8} \div \frac{4}{3} = \frac{17}{8} \times \frac{3}{4} = \frac{51}{32} = 1\frac{19}{32}$$

$$2. \quad 5\frac{1}{3} \div 2\frac{1}{2} = \frac{16}{3} \div \frac{5}{2} = \frac{16}{3} \times \frac{2}{5} = \frac{32}{15} = 2\frac{2}{15}$$

$$3. \quad 1\frac{1}{5} \div 3\frac{2}{9} = \frac{6}{5} \div \frac{29}{9} = \frac{6}{5} \times \frac{9}{29} = \frac{54}{145}$$

$$4. \quad 3\frac{4}{5} \div 3\frac{1}{2} = \frac{19}{5} \div \frac{7}{2} = \frac{19}{5} \times \frac{2}{7} = \frac{38}{35} = 1\frac{3}{35}$$

$$5. \quad 3\frac{1}{3} \div 4\frac{1}{2} = \frac{10}{3} \div \frac{9}{2} = \frac{10}{3} \times \frac{2}{9} = \frac{20}{27}$$

$$6. \quad 2\frac{1}{2} \div 4\frac{4}{9} = \frac{5}{2} \div \frac{40}{9} = \frac{5}{2} \times \frac{9}{40} = \frac{45}{80} = \frac{9}{16}$$

$$7. \quad 4\frac{2}{5} \div 3\frac{1}{2} = \frac{22}{5} \div \frac{7}{2} = \frac{22}{5} \times \frac{2}{7} = \frac{44}{35} = 1\frac{9}{35}$$

$$8. \quad 1\frac{2}{9} \div 1\frac{4}{5} = \frac{11}{9} \div \frac{9}{5} = \frac{11}{9} \times \frac{5}{9} = \frac{55}{81}$$

$$9. \quad 5\frac{2}{5} \div 2\frac{1}{6} = \frac{27}{5} \div \frac{13}{6} = \frac{27}{5} \times \frac{6}{13} = \frac{162}{65} = 2\frac{32}{65}$$

$$10. \quad 3\frac{7}{8} \div 1\frac{3}{5} = \frac{31}{8} \div \frac{8}{5} = \frac{31}{8} \times \frac{5}{8} = \frac{155}{64} = 2\frac{27}{64}$$