

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $4\frac{3}{4} \div 1\frac{5}{9} =$

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

5. $3\frac{5}{8} \div 1\frac{2}{3} =$

6. $4\frac{1}{4} \div 2\frac{7}{9} =$

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

8. $1\frac{1}{3} \div 4\frac{5}{7} =$

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

10. $5\frac{2}{3} \div 1\frac{2}{7} =$

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 4\frac{2}{3} \div 2\frac{1}{2} = \frac{14}{3} \div \frac{5}{2} = \frac{14}{3} \times \frac{2}{5} = \frac{28}{15} = 1\frac{13}{15}$$

$$2. \quad 3\frac{2}{3} \div 5\frac{4}{7} = \frac{11}{3} \div \frac{39}{7} = \frac{11}{3} \times \frac{7}{39} = \frac{77}{117}$$

$$3. \quad 4\frac{3}{4} \div 1\frac{5}{9} = \frac{19}{4} \div \frac{14}{9} = \frac{19}{4} \times \frac{9}{14} = \frac{171}{56} = 3\frac{3}{56}$$

$$4. \quad 5\frac{1}{4} \div 5\frac{1}{3} = \frac{21}{4} \div \frac{16}{3} = \frac{21}{4} \times \frac{3}{16} = \frac{63}{64}$$

$$5. \quad 3\frac{5}{8} \div 1\frac{2}{3} = \frac{29}{8} \div \frac{5}{3} = \frac{29}{8} \times \frac{3}{5} = \frac{87}{40} = 2\frac{7}{40}$$

$$6. \quad 4\frac{1}{4} \div 2\frac{7}{9} = \frac{17}{4} \div \frac{25}{9} = \frac{17}{4} \times \frac{9}{25} = \frac{153}{100} = 1\frac{53}{100}$$

$$7. \quad 2\frac{1}{9} \div 3\frac{1}{2} = \frac{19}{9} \div \frac{7}{2} = \frac{19}{9} \times \frac{2}{7} = \frac{38}{63}$$

$$8. \quad 1\frac{1}{3} \div 4\frac{5}{7} = \frac{4}{3} \div \frac{33}{7} = \frac{4}{3} \times \frac{7}{33} = \frac{28}{99}$$

$$9. \quad 5\frac{2}{3} \div 2\frac{1}{2} = \frac{17}{3} \div \frac{5}{2} = \frac{17}{3} \times \frac{2}{5} = \frac{34}{15} = 2\frac{4}{15}$$

$$10. \quad 5\frac{2}{3} \div 1\frac{2}{7} = \frac{17}{3} \div \frac{9}{7} = \frac{17}{3} \times \frac{7}{9} = \frac{119}{27} = 4\frac{11}{27}$$