

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

3. $4\frac{1}{8} \div 2\frac{1}{4} =$

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

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

6. $4\frac{1}{3} \div 5\frac{2}{3} =$

7. $3\frac{1}{2} \div 5\frac{1}{6} =$

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

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

10. $2\frac{1}{2} \div 4\frac{3}{8} =$

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 1\frac{3}{4} \div 4\frac{1}{2} = \frac{7}{4} \div \frac{9}{2} = \frac{7}{4} \times \frac{2}{9} = \frac{14}{36} = \frac{7}{18}$$

$$2. \quad 5\frac{1}{2} \div 2\frac{1}{2} = \frac{11}{2} \div \frac{5}{2} = \frac{11}{2} \times \frac{2}{5} = \frac{22}{10} = \frac{11}{5} = 2\frac{1}{5}$$

$$3. \quad 4\frac{1}{8} \div 2\frac{1}{4} = \frac{33}{8} \div \frac{9}{4} = \frac{33}{8} \times \frac{4}{9} = \frac{132}{72} = \frac{11}{6} = 1\frac{5}{6}$$

$$4. \quad 5\frac{1}{2} \div 4\frac{2}{5} = \frac{11}{2} \div \frac{22}{5} = \frac{11}{2} \times \frac{5}{22} = \frac{55}{44} = \frac{5}{4} = 1\frac{1}{4}$$

$$5. \quad 5\frac{4}{5} \div 3\frac{5}{8} = \frac{29}{5} \div \frac{29}{8} = \frac{29}{5} \times \frac{8}{29} = \frac{232}{145} = \frac{8}{5} = 1\frac{3}{5}$$

$$6. \quad 4\frac{1}{3} \div 5\frac{2}{3} = \frac{13}{3} \div \frac{17}{3} = \frac{13}{3} \times \frac{3}{17} = \frac{39}{51} = \frac{13}{17}$$

$$7. \quad 3\frac{1}{2} \div 5\frac{1}{6} = \frac{7}{2} \div \frac{31}{6} = \frac{7}{2} \times \frac{6}{31} = \frac{42}{62} = \frac{21}{31}$$

$$8. \quad 5\frac{1}{5} \div 1\frac{4}{5} = \frac{26}{5} \div \frac{9}{5} = \frac{26}{5} \times \frac{5}{9} = \frac{130}{45} = \frac{26}{9} = 2\frac{8}{9}$$

$$9. \quad 5\frac{1}{2} \div 4\frac{1}{2} = \frac{11}{2} \div \frac{9}{2} = \frac{11}{2} \times \frac{2}{9} = \frac{22}{18} = \frac{11}{9} = 1\frac{2}{9}$$

$$10. \quad 2\frac{1}{2} \div 4\frac{3}{8} = \frac{5}{2} \div \frac{35}{8} = \frac{5}{2} \times \frac{8}{35} = \frac{40}{70} = \frac{4}{7}$$