

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $4\frac{5}{6} \div 4\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $4\frac{5}{6} \div 5\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

6. $5\frac{1}{5} \div 2\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $3\frac{7}{8} \div 1\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $4\frac{1}{3} \div 3\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---} = \text{---}$

9. $1\frac{1}{3} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $5\frac{1}{3} \div 4\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

Dividing Fractions (H) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 4\frac{5}{6} \div 4\frac{1}{6} = \frac{29}{6} \div \frac{25}{6} = \frac{29}{6} \times \frac{6}{25} = \frac{174}{150} = \frac{29}{25} = 1\frac{4}{25}$$

$$2. \quad 4\frac{5}{6} \div 5\frac{1}{2} = \frac{29}{6} \div \frac{11}{2} = \frac{29}{6} \times \frac{2}{11} = \frac{58}{66} = \frac{29}{33}$$

$$3. \quad 4\frac{1}{2} \div 2\frac{5}{6} = \frac{9}{2} \div \frac{17}{6} = \frac{9}{2} \times \frac{6}{17} = \frac{54}{34} = \frac{27}{17} = 1\frac{10}{17}$$

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

$$5. \quad 1\frac{2}{3} \div 1\frac{1}{4} = \frac{5}{3} \div \frac{5}{4} = \frac{5}{3} \times \frac{4}{5} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$6. \quad 5\frac{1}{5} \div 2\frac{5}{6} = \frac{26}{5} \div \frac{17}{6} = \frac{26}{5} \times \frac{6}{17} = \frac{156}{85} = 1\frac{71}{85}$$

$$7. \quad 3\frac{7}{8} \div 1\frac{2}{5} = \frac{31}{8} \div \frac{7}{5} = \frac{31}{8} \times \frac{5}{7} = \frac{155}{56} = 2\frac{43}{56}$$

$$8. \quad 4\frac{1}{3} \div 3\frac{1}{3} = \frac{13}{3} \div \frac{10}{3} = \frac{13}{3} \times \frac{3}{10} = \frac{39}{30} = \frac{13}{10} = 1\frac{3}{10}$$

$$9. \quad 1\frac{1}{3} \div 2\frac{1}{4} = \frac{4}{3} \div \frac{9}{4} = \frac{4}{3} \times \frac{4}{9} = \frac{16}{27}$$

$$10. \quad 5\frac{1}{3} \div 4\frac{1}{2} = \frac{16}{3} \div \frac{9}{2} = \frac{16}{3} \times \frac{2}{9} = \frac{32}{27} = 1\frac{5}{27}$$