

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 1\frac{4}{5} \div 9 = \frac{9}{5} \div \frac{9}{1} = \frac{9}{5} \times \frac{1}{9} = \frac{9}{45} = \frac{1}{5}$$

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

$$3. \quad 6 \div 1\frac{1}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

$$4. \quad 3\frac{1}{3} \div 4 = \frac{10}{3} \div \frac{4}{1} = \frac{10}{3} \times \frac{1}{4} = \frac{10}{12} = \frac{5}{6}$$

$$5. \quad 1\frac{5}{7} \div 6 = \frac{12}{7} \div \frac{6}{1} = \frac{12}{7} \times \frac{1}{6} = \frac{12}{42} = \frac{2}{7}$$

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

$$7. \quad 1\frac{3}{7} \div 4 = \frac{10}{7} \div \frac{4}{1} = \frac{10}{7} \times \frac{1}{4} = \frac{10}{28} = \frac{5}{14}$$

$$8. \quad 2\frac{2}{5} \div 4 = \frac{12}{5} \div \frac{4}{1} = \frac{12}{5} \times \frac{1}{4} = \frac{12}{20} = \frac{3}{5}$$

$$9. \quad 5 \div 3\frac{3}{4} = \frac{5}{1} \div \frac{15}{4} = \frac{5}{1} \times \frac{4}{15} = \frac{20}{15} = \frac{4}{3} = 1\frac{1}{3}$$

$$10. \quad 1\frac{3}{5} \div 6 = \frac{8}{5} \div \frac{6}{1} = \frac{8}{5} \times \frac{1}{6} = \frac{8}{30} = \frac{4}{15}$$