

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{2}{3} \div 1\frac{7}{8} =$

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

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

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

6. $1\frac{1}{8} \div \frac{3}{4} =$

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

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

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

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

Dividing Fractions (J) Answers

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Score: _____

Calculate each quotient.

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

$$2. \frac{2}{3} \div 1\frac{7}{8} = \frac{2}{3} \div \frac{15}{8} = \frac{2}{3} \times \frac{8}{15} = \frac{16}{45}$$

$$3. \frac{1}{4} \div 1\frac{1}{3} = \frac{1}{4} \div \frac{4}{3} = \frac{1}{4} \times \frac{3}{4} = \frac{3}{16}$$

$$4. \frac{1}{4} \div 1\frac{3}{4} = \frac{1}{4} \div \frac{7}{4} = \frac{1}{4} \times \frac{4}{7} = \frac{4}{28} = \frac{1}{7}$$

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

$$6. 1\frac{1}{8} \div \frac{3}{4} = \frac{9}{8} \div \frac{3}{4} = \frac{9}{8} \times \frac{4}{3} = \frac{36}{24} = \frac{3}{2} = 1\frac{1}{2}$$

$$7. \frac{1}{2} \div 2\frac{3}{4} = \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$8. \frac{1}{4} \div 1\frac{1}{4} = \frac{1}{4} \div \frac{5}{4} = \frac{1}{4} \times \frac{4}{5} = \frac{4}{20} = \frac{1}{5}$$

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

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