

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Fractions (E) Answers

Name: _____

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Score: _____

Calculate each quotient.

$$1. \frac{1}{3} \div 3\frac{1}{3} = \frac{1}{3} \div \frac{10}{3} = \frac{1}{3} \times \frac{3}{10} = \frac{3}{30} = \frac{1}{10}$$

$$2. \frac{1}{2} \div 2\frac{3}{7} = \frac{1}{2} \div \frac{17}{7} = \frac{1}{2} \times \frac{7}{17} = \frac{7}{34}$$

$$3. \frac{1}{2} \div 1\frac{5}{8} = \frac{1}{2} \div \frac{13}{8} = \frac{1}{2} \times \frac{8}{13} = \frac{8}{26} = \frac{4}{13}$$

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

$$5. \frac{3}{4} \div 2\frac{2}{5} = \frac{3}{4} \div \frac{12}{5} = \frac{3}{4} \times \frac{5}{12} = \frac{15}{48} = \frac{5}{16}$$

$$6. \frac{1}{2} \div 1\frac{1}{4} = \frac{1}{2} \div \frac{5}{4} = \frac{1}{2} \times \frac{4}{5} = \frac{4}{10} = \frac{2}{5}$$

$$7. \frac{5}{9} \div 2\frac{1}{2} = \frac{5}{9} \div \frac{5}{2} = \frac{5}{9} \times \frac{2}{5} = \frac{10}{45} = \frac{2}{9}$$

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

$$9. \frac{4}{7} \div 3\frac{3}{4} = \frac{4}{7} \div \frac{15}{4} = \frac{4}{7} \times \frac{4}{15} = \frac{16}{105}$$

$$10. \frac{3}{4} \div 1\frac{1}{4} = \frac{3}{4} \div \frac{5}{4} = \frac{3}{4} \times \frac{4}{5} = \frac{12}{20} = \frac{3}{5}$$