

Dividing Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $1\frac{5}{8} \div 4\frac{1}{2} =$

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

4. $4\frac{7}{8} \div 1\frac{1}{4} =$

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

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

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

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

9. $2\frac{7}{9} \div 1\frac{8}{9} =$

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

Dividing Fractions (C) Answers

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Calculate each quotient.

$$1. \quad 3\frac{1}{7} \div 5\frac{1}{2} = \frac{22}{7} \div \frac{11}{2} = \frac{22}{7} \times \frac{2}{11} = \frac{44}{77} = \frac{4}{7}$$

$$2. \quad 1\frac{5}{8} \div 4\frac{1}{2} = \frac{13}{8} \div \frac{9}{2} = \frac{13}{8} \times \frac{2}{9} = \frac{26}{72} = \frac{13}{36}$$

$$3. \quad 2\frac{1}{5} \div 3\frac{2}{3} = \frac{11}{5} \div \frac{11}{3} = \frac{11}{5} \times \frac{3}{11} = \frac{33}{55} = \frac{3}{5}$$

$$4. \quad 4\frac{7}{8} \div 1\frac{1}{4} = \frac{39}{8} \div \frac{5}{4} = \frac{39}{8} \times \frac{4}{5} = \frac{156}{40} = \frac{39}{10} = 3\frac{9}{10}$$

$$5. \quad 2\frac{1}{2} \div 1\frac{1}{2} = \frac{5}{2} \div \frac{3}{2} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$6. \quad 4\frac{1}{5} \div 1\frac{1}{2} = \frac{21}{5} \div \frac{3}{2} = \frac{21}{5} \times \frac{2}{3} = \frac{42}{15} = \frac{14}{5} = 2\frac{4}{5}$$

$$7. \quad 1\frac{1}{2} \div 3\frac{1}{2} = \frac{3}{2} \div \frac{7}{2} = \frac{3}{2} \times \frac{2}{7} = \frac{6}{14} = \frac{3}{7}$$

$$8. \quad 1\frac{3}{5} \div 2\frac{2}{7} = \frac{8}{5} \div \frac{16}{7} = \frac{8}{5} \times \frac{7}{16} = \frac{56}{80} = \frac{7}{10}$$

$$9. \quad 2\frac{7}{9} \div 1\frac{8}{9} = \frac{25}{9} \div \frac{17}{9} = \frac{25}{9} \times \frac{9}{17} = \frac{225}{153} = \frac{25}{17} = 1\frac{8}{17}$$

$$10. \quad 4\frac{1}{2} \div 4\frac{1}{4} = \frac{9}{2} \div \frac{17}{4} = \frac{9}{2} \times \frac{4}{17} = \frac{36}{34} = \frac{18}{17} = 1\frac{1}{17}$$