

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $5\frac{4}{7} \div 4\frac{2}{3} =$

3. $2\frac{7}{9} \div 2\frac{3}{5} =$

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

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

6. $4\frac{4}{7} \div 3\frac{4}{9} =$

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

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

9. $2\frac{3}{4} \div 4\frac{2}{3} =$

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

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{3} \div 1\frac{1}{4} = \frac{7}{3} \div \frac{5}{4} = \frac{7}{3} \times \frac{4}{5} = \frac{28}{15} = 1\frac{13}{15}$$

$$2. \quad 5\frac{4}{7} \div 4\frac{2}{3} = \frac{39}{7} \div \frac{14}{3} = \frac{39}{7} \times \frac{3}{14} = \frac{117}{98} = 1\frac{19}{98}$$

$$3. \quad 2\frac{7}{9} \div 2\frac{3}{5} = \frac{25}{9} \div \frac{13}{5} = \frac{25}{9} \times \frac{5}{13} = \frac{125}{117} = 1\frac{8}{117}$$

$$4. \quad 1\frac{1}{5} \div 4\frac{1}{3} = \frac{6}{5} \div \frac{13}{3} = \frac{6}{5} \times \frac{3}{13} = \frac{18}{65}$$

$$5. \quad 2\frac{2}{3} \div 5\frac{1}{2} = \frac{8}{3} \div \frac{11}{2} = \frac{8}{3} \times \frac{2}{11} = \frac{16}{33}$$

$$6. \quad 4\frac{4}{7} \div 3\frac{4}{9} = \frac{32}{7} \div \frac{31}{9} = \frac{32}{7} \times \frac{9}{31} = \frac{288}{217} = 1\frac{71}{217}$$

$$7. \quad 4\frac{1}{2} \div 2\frac{3}{7} = \frac{9}{2} \div \frac{17}{7} = \frac{9}{2} \times \frac{7}{17} = \frac{63}{34} = 1\frac{29}{34}$$

$$8. \quad 2\frac{1}{2} \div 2\frac{3}{7} = \frac{5}{2} \div \frac{17}{7} = \frac{5}{2} \times \frac{7}{17} = \frac{35}{34} = 1\frac{1}{34}$$

$$9. \quad 2\frac{3}{4} \div 4\frac{2}{3} = \frac{11}{4} \div \frac{14}{3} = \frac{11}{4} \times \frac{3}{14} = \frac{33}{56}$$

$$10. \quad 1\frac{4}{5} \div 3\frac{1}{2} = \frac{9}{5} \div \frac{7}{2} = \frac{9}{5} \times \frac{2}{7} = \frac{18}{35}$$