

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $3\frac{1}{2} \div 4\frac{1}{6} =$

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

7. $4\frac{1}{5} \div 4\frac{1}{7} =$

8. $5\frac{3}{8} \div 4\frac{4}{5} =$

9. $3\frac{4}{5} \div 4\frac{5}{8} =$

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

Dividing Fractions (J) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div 1\frac{5}{6} = \frac{3}{2} \div \frac{11}{6} = \frac{3}{2} \times \frac{6}{11} = \frac{18}{22} = \frac{9}{11}$$

$$2. \quad 4\frac{1}{4} \div 1\frac{4}{5} = \frac{17}{4} \div \frac{9}{5} = \frac{17}{4} \times \frac{5}{9} = \frac{85}{36} = 2\frac{13}{36}$$

$$3. \quad 5\frac{1}{2} \div 5\frac{2}{7} = \frac{11}{2} \div \frac{37}{7} = \frac{11}{2} \times \frac{7}{37} = \frac{77}{74} = 1\frac{3}{74}$$

$$4. \quad 4\frac{1}{3} \div 3\frac{2}{3} = \frac{13}{3} \div \frac{11}{3} = \frac{13}{3} \times \frac{3}{11} = \frac{39}{33} = \frac{13}{11} = 1\frac{2}{11}$$

$$5. \quad 3\frac{1}{2} \div 4\frac{1}{6} = \frac{7}{2} \div \frac{25}{6} = \frac{7}{2} \times \frac{6}{25} = \frac{42}{50} = \frac{21}{25}$$

$$6. \quad 3\frac{1}{3} \div 4\frac{1}{2} = \frac{10}{3} \div \frac{9}{2} = \frac{10}{3} \times \frac{2}{9} = \frac{20}{27}$$

$$7. \quad 4\frac{1}{5} \div 4\frac{1}{7} = \frac{21}{5} \div \frac{29}{7} = \frac{21}{5} \times \frac{7}{29} = \frac{147}{145} = 1\frac{2}{145}$$

$$8. \quad 5\frac{3}{8} \div 4\frac{4}{5} = \frac{43}{8} \div \frac{24}{5} = \frac{43}{8} \times \frac{5}{24} = \frac{215}{192} = 1\frac{23}{192}$$

$$9. \quad 3\frac{4}{5} \div 4\frac{5}{8} = \frac{19}{5} \div \frac{37}{8} = \frac{19}{5} \times \frac{8}{37} = \frac{152}{185}$$

$$10. \quad 3\frac{1}{3} \div 3\frac{1}{2} = \frac{10}{3} \div \frac{7}{2} = \frac{10}{3} \times \frac{2}{7} = \frac{20}{21}$$