

Dividing Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{1}{9} \div 3\frac{1}{6} =$

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

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

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

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

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

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

8. $2\frac{6}{7} \div 4\frac{6}{7} =$

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

10. $1\frac{7}{9} \div 2\frac{2}{3} =$

Dividing Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 1\frac{1}{9} \div 3\frac{1}{6} = \frac{10}{9} \div \frac{19}{6} = \frac{10}{9} \times \frac{6}{19} = \frac{60}{171} = \frac{20}{57}$$

$$2. \quad 2\frac{1}{4} \div 1\frac{3}{4} = \frac{9}{4} \div \frac{7}{4} = \frac{9}{4} \times \frac{4}{7} = \frac{36}{28} = \frac{9}{7} = 1\frac{2}{7}$$

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

$$4. \quad 5\frac{1}{6} \div 5\frac{1}{4} = \frac{31}{6} \div \frac{21}{4} = \frac{31}{6} \times \frac{4}{21} = \frac{124}{126} = \frac{62}{63}$$

$$5. \quad 4\frac{1}{4} \div 4\frac{5}{6} = \frac{17}{4} \div \frac{29}{6} = \frac{17}{4} \times \frac{6}{29} = \frac{102}{116} = \frac{51}{58}$$

$$6. \quad 5\frac{1}{2} \div 2\frac{5}{6} = \frac{11}{2} \div \frac{17}{6} = \frac{11}{2} \times \frac{6}{17} = \frac{66}{34} = \frac{33}{17} = 1\frac{16}{17}$$

$$7. \quad 3\frac{2}{3} \div 5\frac{1}{2} = \frac{11}{3} \div \frac{11}{2} = \frac{11}{3} \times \frac{2}{11} = \frac{22}{33} = \frac{2}{3}$$

$$8. \quad 2\frac{6}{7} \div 4\frac{6}{7} = \frac{20}{7} \div \frac{34}{7} = \frac{20}{7} \times \frac{7}{34} = \frac{140}{238} = \frac{10}{17}$$

$$9. \quad 2\frac{4}{5} \div 2\frac{1}{3} = \frac{14}{5} \div \frac{7}{3} = \frac{14}{5} \times \frac{3}{7} = \frac{42}{35} = \frac{6}{5} = 1\frac{1}{5}$$

$$10. \quad 1\frac{7}{9} \div 2\frac{2}{3} = \frac{16}{9} \div \frac{8}{3} = \frac{16}{9} \times \frac{3}{8} = \frac{48}{72} = \frac{2}{3}$$