Dividing Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\frac{7}{9} \div \frac{7}{3} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $\frac{17}{5} \div 1\frac{3}{5} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

5. $2\frac{1}{3} \div 2\frac{8}{9} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

8. $1\frac{2}{3} \div \frac{2}{9} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{5}{3} \div \frac{13}{6} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

Dividing Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\frac{7}{9} \div \frac{7}{3} = \frac{7}{9} \div \frac{7}{3} = \frac{7}{9} \times \frac{3}{7} = \frac{21}{63} = \frac{1}{3}$

2. $\frac{17}{5} \div 1\frac{3}{5} = \frac{17}{5} \div \frac{8}{5} = \frac{17}{5} \times \frac{5}{8} = \frac{85}{40} = \frac{17}{8} = 2\frac{1}{8}$

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

4. $1\frac{2}{9} \div \frac{1}{3} = \frac{11}{9} \div \frac{1}{3} = \frac{11}{9} \times \frac{3}{1} = \frac{33}{9} = \frac{11}{3} = 3\frac{2}{3}$

5. $2\frac{1}{3} \div 2\frac{8}{9} = \frac{7}{3} \div \frac{26}{9} = \frac{7}{3} \times \frac{9}{26} = \frac{63}{78} = \frac{21}{26}$

6. $1\frac{2}{3} \div 2\frac{1}{2} = \frac{5}{3} \div \frac{5}{2} = \frac{5}{3} \times \frac{2}{5} = \frac{10}{15} = \frac{2}{3}$

7. $1\frac{3}{4} \div 1\frac{1}{2} = \frac{7}{4} \div \frac{3}{2} = \frac{7}{4} \times \frac{2}{3} = \frac{14}{12} = \frac{7}{6} = 1\frac{1}{6}$

8. $1\frac{2}{3} \div \frac{2}{9} = \frac{5}{3} \div \frac{2}{9} = \frac{5}{3} \times \frac{9}{2} = \frac{45}{6} = \frac{15}{2} = 7\frac{1}{2}$

9. $\frac{5}{3} \div \frac{13}{6} = \frac{5}{3} \times \frac{6}{13} = \frac{30}{39} = \frac{10}{13}$

10. $3\frac{2}{3} \div 3\frac{1}{9} = \frac{11}{3} \div \frac{28}{9} = \frac{11}{3} \times \frac{9}{28} = \frac{99}{84} = \frac{33}{28} = 1\frac{5}{28}$