Dividing Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

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

   Convert ↑ Inversion Result Convert ↓

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

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

4. $2\frac{3}{4} \div \frac{16}{7} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

8. $\frac{9}{5} \div \frac{7}{2} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

Dividing Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\frac{10}{3} \div \frac{1}{2} = \frac{10}{3} \div \frac{1}{2} = \frac{10}{3} \times \frac{2}{1} = \frac{20}{3} = 6\frac{2}{3}$

2. $\frac{3}{4} \div \frac{5}{3} = \frac{3}{4} \times \frac{3}{5} = \frac{9}{20}$

3. $2\frac{1}{3} \div \frac{4}{3} = \frac{7}{3} \div \frac{4}{3} = \frac{7}{3} \times \frac{3}{4} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$

4. $2\frac{3}{4} \div \frac{16}{7} = \frac{11}{4} \div \frac{16}{7} = \frac{11}{4} \times \frac{7}{16} = \frac{77}{64} = 1\frac{13}{64}$

5. $2\frac{3}{5} \div \frac{5}{3} = \frac{13}{5} \div \frac{5}{3} = \frac{13}{5} \times \frac{3}{5} = \frac{39}{25} = 1\frac{14}{25}$

6. $\frac{7}{2} \div 3\frac{4}{5} = \frac{7}{2} \div \frac{19}{5} = \frac{7}{2} \times \frac{5}{19} = \frac{35}{38}$

7. $1\frac{1}{5} \div \frac{1}{2} = \frac{6}{5} \div \frac{1}{2} = \frac{6}{5} \times \frac{2}{1} = \frac{12}{5} = 2\frac{2}{5}$

8. $\frac{9}{5} \div \frac{7}{2} = \frac{9}{5} \times \frac{2}{7} = \frac{18}{35}$

9. $\frac{1}{3} \div 3\frac{1}{8} = \frac{1}{3} \div \frac{25}{8} = \frac{1}{3} \times \frac{8}{25} = \frac{8}{75}$

10. $\frac{3}{2} \div \frac{1}{6} = \frac{3}{2} \div \frac{1}{6} = \frac{3}{2} \times \frac{6}{1} = \frac{18}{2} = 9$