Dividing Fractions (A)

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\frac{16}{7} \div 8 = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

   Convert ↑ Inversion Result Simplify

2. $\frac{12}{5} \div 4 = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

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

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

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

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

8. $\frac{8}{7} \div 6 = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $8 \div \frac{16}{7} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $7 \div \frac{7}{3} = \frac{\quad}{\quad} \div \frac{\quad}{\quad} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} =$

Dividing Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each quotient.

1. $\frac{16}{7} \div 8 = \frac{16}{7} \div \frac{8}{1} = \frac{16}{7} \times \frac{1}{8} = \frac{16}{56} = \frac{2}{7}$

2. $\frac{12}{5} \div 4 = \frac{12}{5} \div \frac{4}{1} = \frac{12}{5} \times \frac{1}{4} = \frac{12}{20} = \frac{3}{5}$

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

4. $5 \div \frac{5}{3} = \frac{5}{1} \div \frac{5}{3} = \frac{5}{1} \times \frac{3}{5} = \frac{15}{5} = 3$

5. $8 \div \frac{8}{5} = \frac{8}{1} \div \frac{8}{5} = \frac{8}{1} \times \frac{5}{8} = \frac{40}{8} = 5$

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

7. $\frac{4}{3} \div 6 = \frac{4}{3} \div \frac{6}{1} = \frac{4}{3} \times \frac{1}{6} = \frac{4}{18} = \frac{2}{9}$

8. $\frac{8}{7} \div 6 = \frac{8}{7} \div \frac{6}{1} = \frac{8}{7} \times \frac{1}{6} = \frac{8}{42} = \frac{4}{21}$

9. $8 \div \frac{16}{7} = \frac{8}{1} \div \frac{16}{7} = \frac{8}{1} \times \frac{7}{16} = \frac{56}{16} = \frac{7}{2} = 3\frac{1}{2}$

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