Multiplying and Dividing Proper Fractions (E)

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $\dfrac{1}{2} \times \dfrac{2}{5} = \underline{\quad} \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

2. $\dfrac{5}{8} \times \dfrac{1}{5} = \underline{\quad} \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

3. $\dfrac{2}{3} \times \dfrac{3}{4} = \underline{\quad} \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

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

5. $\dfrac{1}{8} \div \dfrac{1}{2} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

6. $\dfrac{5}{9} \div \dfrac{7}{9} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

7. $\dfrac{3}{5} \times \dfrac{1}{3} = \underline{\quad} \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

8. $\dfrac{2}{3} \times \dfrac{1}{2} = \underline{\quad} \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

9. $\dfrac{5}{9} \div \dfrac{2}{3} = \dfrac{\quad}{\quad} \times \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad} = \dfrac{\quad}{\quad}$

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

Multiplying and Dividing Proper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\dfrac{1}{2} \times \dfrac{2}{5} = \dfrac{2}{10} = \dfrac{1}{5}$

2. $\dfrac{5}{8} \times \dfrac{1}{5} = \dfrac{5}{40} = \dfrac{1}{8}$

3. $\dfrac{2}{3} \times \dfrac{3}{4} = \dfrac{6}{12} = \dfrac{1}{2}$

4. $\dfrac{1}{4} \div \dfrac{1}{2} = \dfrac{1}{4} \times \dfrac{2}{1} = \dfrac{2}{4} = \dfrac{1}{2}$

5. $\dfrac{1}{8} \div \dfrac{1}{2} = \dfrac{1}{8} \times \dfrac{2}{1} = \dfrac{2}{8} = \dfrac{1}{4}$

6. $\dfrac{5}{9} \div \dfrac{7}{9} = \dfrac{5}{9} \times \dfrac{9}{7} = \dfrac{45}{63} = \dfrac{5}{7}$

7. $\dfrac{3}{5} \times \dfrac{1}{3} = \dfrac{3}{15} = \dfrac{1}{5}$

8. $\dfrac{2}{3} \times \dfrac{1}{2} = \dfrac{2}{6} = \dfrac{1}{3}$

9. $\dfrac{5}{9} \div \dfrac{2}{3} = \dfrac{5}{9} \times \dfrac{3}{2} = \dfrac{15}{18} = \dfrac{5}{6}$

10. $\dfrac{1}{6} \div \dfrac{2}{3} = \dfrac{1}{6} \times \dfrac{3}{2} = \dfrac{3}{12} = \dfrac{1}{4}$