Multiplying and Dividing Proper and Improper Fractions (C)

Name: _____ Date: _____ Score: _____

Calculate each result.

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

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

3. $\dfrac{1}{3} \div \dfrac{8}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

4. $\dfrac{21}{8} \times \dfrac{1}{4} = \underline{\quad}$

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

6. $\dfrac{5}{7} \div \dfrac{19}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

8. $\dfrac{3}{7} \times \dfrac{15}{7} = \underline{\quad}$

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

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

Multiplying and Dividing Proper and Improper Fractions (C) Answers

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $\dfrac{1}{8} \div \dfrac{5}{2} = \dfrac{1}{8} \times \dfrac{2}{5} = \dfrac{2}{40} = \dfrac{1}{20}$

2. $\dfrac{7}{3} \times \dfrac{1}{3} = \dfrac{7}{9}$

3. $\dfrac{1}{3} \div \dfrac{8}{5} = \dfrac{1}{3} \times \dfrac{5}{8} = \dfrac{5}{24}$

4. $\dfrac{21}{8} \times \dfrac{1}{4} = \dfrac{21}{32}$

5. $\dfrac{5}{9} \div \dfrac{3}{2} = \dfrac{5}{9} \times \dfrac{2}{3} = \dfrac{10}{27}$

6. $\dfrac{5}{7} \div \dfrac{19}{9} = \dfrac{5}{7} \times \dfrac{9}{19} = \dfrac{45}{133}$

7. $\dfrac{3}{7} \times \dfrac{5}{3} = \dfrac{15}{21} = \dfrac{5}{7}$

8. $\dfrac{3}{7} \times \dfrac{15}{7} = \dfrac{45}{49}$

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

10. $\dfrac{5}{3} \times \dfrac{1}{3} = \dfrac{5}{9}$