Multiplying and Dividing Proper and Improper Fractions (B)

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $\dfrac{1}{2} \times \dfrac{13}{8} = \quad \underline{\quad}$

2. $\dfrac{2}{5} \times \dfrac{8}{7} = \quad \underline{\quad}$

3. $\dfrac{8}{5} \times \dfrac{3}{7} = \quad \underline{\quad}$

4. $\dfrac{1}{2} \times \dfrac{5}{4} = \quad \underline{\quad}$

5. $\dfrac{1}{7} \div \dfrac{11}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6. $\dfrac{1}{3} \div \dfrac{9}{5} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

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

9. $\dfrac{1}{8} \div \dfrac{20}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

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

Math-Drills.com

Multiplying and Dividing Proper and Improper Fractions (B) Answers

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $\dfrac{1}{2} \times \dfrac{13}{8} = \dfrac{13}{16}$

2. $\dfrac{2}{5} \times \dfrac{8}{7} = \dfrac{16}{35}$

3. $\dfrac{8}{5} \times \dfrac{3}{7} = \dfrac{24}{35}$

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

5. $\dfrac{1}{7} \div \dfrac{11}{9} = \dfrac{1}{7} \times \dfrac{9}{11} = \dfrac{9}{77}$

6. $\dfrac{1}{3} \div \dfrac{9}{5} = \dfrac{1}{3} \times \dfrac{5}{9} = \dfrac{5}{27}$

7. $\dfrac{4}{3} \times \dfrac{2}{3} = \dfrac{8}{9}$

8. $\dfrac{1}{2} \div \dfrac{7}{3} = \dfrac{1}{2} \times \dfrac{3}{7} = \dfrac{3}{14}$

9. $\dfrac{1}{8} \div \dfrac{20}{9} = \dfrac{1}{8} \times \dfrac{9}{20} = \dfrac{9}{160}$

10. $\dfrac{5}{9} \div \dfrac{6}{5} = \dfrac{5}{9} \times \dfrac{5}{6} = \dfrac{25}{54}$