Operations with Two Mixed Fractions (D)

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $5\frac{1}{2} + 1\frac{1}{2} =$

2. $5\frac{8}{9} + 1\frac{4}{9} =$

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

4. $5\frac{2}{7} + 2\frac{5}{7} =$

5. $1\frac{1}{5} \times 5\frac{2}{3} =$

6. $5\frac{2}{3} - 3\frac{2}{3} =$

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

8. $5\frac{4}{5} \times 1\frac{7}{18} =$

9. $5\frac{1}{2} \div 1\frac{1}{16} =$

10. $5\frac{2}{9} \times 1\frac{1}{2} =$

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_____	_____	_____

Calculate each result.

1. $5\dfrac{1}{2} + 1\dfrac{1}{2} = \dfrac{11}{2} + \dfrac{3}{2} = \dfrac{14}{2} = \dfrac{7}{1} = 7$

2. $5\dfrac{8}{9} + 1\dfrac{4}{9} = \dfrac{53}{9} + \dfrac{13}{9} = \dfrac{66}{9} = \dfrac{22}{3} = 7\dfrac{1}{3}$

3. $5\dfrac{1}{4} \div 4\dfrac{4}{5} = \dfrac{21}{4} \div \dfrac{24}{5} = \dfrac{21}{4} \times \dfrac{5}{24} = \dfrac{105}{96} = \dfrac{35}{32} = 1\dfrac{3}{32}$

4. $5\dfrac{2}{7} + 2\dfrac{5}{7} = \dfrac{37}{7} + \dfrac{19}{7} = \dfrac{56}{7} = \dfrac{8}{1} = 8$

5. $1\dfrac{1}{5} \times 5\dfrac{2}{3} = \dfrac{6}{5} \times \dfrac{17}{3} = \dfrac{102}{15} = \dfrac{34}{5} = 6\dfrac{4}{5}$

6. $5\dfrac{2}{3} - 3\dfrac{2}{3} = \dfrac{17}{3} - \dfrac{11}{3} = \dfrac{6}{3} = \dfrac{2}{1} = 2$

7. $5\dfrac{1}{2} \div 1\dfrac{1}{2} = \dfrac{11}{2} \div \dfrac{3}{2} = \dfrac{11}{2} \times \dfrac{2}{3} = \dfrac{22}{6} = \dfrac{11}{3} = 3\dfrac{2}{3}$

8. $5\dfrac{4}{5} \times 1\dfrac{7}{18} = \dfrac{29}{5} \times \dfrac{25}{18} = \dfrac{725}{90} = \dfrac{145}{18} = 8\dfrac{1}{18}$

9. $5\dfrac{1}{2} \div 1\dfrac{1}{16} = \dfrac{11}{2} \div \dfrac{17}{16} = \dfrac{11}{2} \times \dfrac{16}{17} = \dfrac{176}{34} = \dfrac{88}{17} = 5\dfrac{3}{17}$

10. $5\dfrac{2}{9} \times 1\dfrac{1}{2} = \dfrac{47}{9} \times \dfrac{3}{2} = \dfrac{141}{18} = \dfrac{47}{6} = 7\dfrac{5}{6}$