Multiplying Fractions (F)

Name: _____

Date: _____

Score: ____ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\dfrac{8}{5} \times \dfrac{11}{6} \times \dfrac{17}{5}$ = ____ = ____ = ____

2. $\dfrac{13}{5} \times \dfrac{2}{7} \times \dfrac{13}{8}$ = ____ = ____ = ____

3. $\dfrac{9}{4} \times \dfrac{3}{4} \times \dfrac{5}{2}$ = ____ = ____

4. $\dfrac{5}{7} \times \dfrac{1}{3} \times \dfrac{1}{2}$ = ____

5. $\dfrac{11}{3} \times \dfrac{7}{2} \times \dfrac{1}{2}$ = ____ = ____

6. $\dfrac{25}{7} \times \dfrac{32}{9} \times \dfrac{7}{6}$ = ____ = ____ = ____

7. $\dfrac{23}{9} \times \dfrac{19}{7} \times \dfrac{11}{6}$ = ____ = ____

8. $\dfrac{32}{9} \times \dfrac{18}{7} \times \dfrac{12}{5}$ = ____ = ____ = ____

9. $\dfrac{31}{8} \times \dfrac{29}{9} \times \dfrac{12}{7}$ = ____ = ____ = ____

10. $\dfrac{1}{9} \times \dfrac{3}{8} \times \dfrac{17}{5}$ = ____ = ____

Multiplying Fractions (F) Answers

Multiply, simplify and express the product as a mixed fraction if necessary.

1. $\dfrac{8}{5} \times \dfrac{11}{6} \times \dfrac{17}{5} = \dfrac{1496}{150} = \dfrac{748}{75} = 9\dfrac{73}{75}$

2. $\dfrac{13}{5} \times \dfrac{2}{7} \times \dfrac{13}{8} = \dfrac{338}{280} = \dfrac{169}{140} = 1\dfrac{29}{140}$

3. $\dfrac{9}{4} \times \dfrac{3}{4} \times \dfrac{5}{2} = \dfrac{135}{32} = 4\dfrac{7}{32}$

4. $\dfrac{5}{7} \times \dfrac{1}{3} \times \dfrac{1}{2} = \dfrac{5}{42}$

5. $\dfrac{11}{3} \times \dfrac{7}{2} \times \dfrac{1}{2} = \dfrac{77}{12} = 6\dfrac{5}{12}$

6. $\dfrac{25}{7} \times \dfrac{32}{9} \times \dfrac{7}{6} = \dfrac{5600}{378} = \dfrac{400}{27} = 14\dfrac{22}{27}$

7. $\dfrac{23}{9} \times \dfrac{19}{7} \times \dfrac{11}{6} = \dfrac{4807}{378} = 12\dfrac{271}{378}$

8. $\dfrac{32}{9} \times \dfrac{18}{7} \times \dfrac{12}{5} = \dfrac{6912}{315} = \dfrac{768}{35} = 21\dfrac{33}{35}$

9. $\dfrac{31}{8} \times \dfrac{29}{9} \times \dfrac{12}{7} = \dfrac{10788}{504} = \dfrac{899}{42} = 21\dfrac{17}{42}$

10. $\dfrac{1}{9} \times \dfrac{3}{8} \times \dfrac{17}{5} = \dfrac{51}{360} = \dfrac{17}{120}$