Multiplying Fractions (E)

Name: _____

Date: _____

Score: _____ /10

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

1. $\dfrac{8}{3} \times \dfrac{5}{9} \times \dfrac{5}{4} = $ ___ $=$ ___ $=$ ___

2. $\dfrac{26}{9} \times \dfrac{7}{6} \times \dfrac{15}{4} = $ ___ $=$ ___ $=$ ___

3. $\dfrac{13}{4} \times \dfrac{23}{9} \times \dfrac{4}{3} = $ ___ $=$ ___ $=$ ___

4. $\dfrac{19}{6} \times \dfrac{24}{7} \times \dfrac{27}{7} = $ ___ $=$ ___ $=$ ___

5. $\dfrac{2}{3} \times \dfrac{7}{6} \times \dfrac{5}{3} = $ ___ $=$ ___ $=$ ___

6. $\dfrac{1}{3} \times \dfrac{8}{3} \times \dfrac{7}{6} = $ ___ $=$ ___ $=$ ___

7. $\dfrac{1}{7} \times \dfrac{11}{5} \times \dfrac{11}{8} = $ ___

8. $\dfrac{25}{9} \times \dfrac{17}{9} \times \dfrac{7}{2} = $ ___ $=$ ___

9. $\dfrac{1}{5} \times \dfrac{31}{8} \times \dfrac{2}{3} = $ ___ $=$ ___

10. $\dfrac{15}{4} \times \dfrac{13}{5} \times \dfrac{10}{7} = $ ___ $=$ ___ $=$ ___

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Multiplying Fractions (E) Answers

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

1. $\dfrac{8}{3} \times \dfrac{5}{9} \times \dfrac{5}{4} = \dfrac{200}{108} = \dfrac{50}{27} = 1\dfrac{23}{27}$

2. $\dfrac{26}{9} \times \dfrac{7}{6} \times \dfrac{15}{4} = \dfrac{2730}{216} = \dfrac{455}{36} = 12\dfrac{23}{36}$

3. $\dfrac{13}{4} \times \dfrac{23}{9} \times \dfrac{4}{3} = \dfrac{1196}{108} = \dfrac{299}{27} = 11\dfrac{2}{27}$

4. $\dfrac{19}{6} \times \dfrac{24}{7} \times \dfrac{27}{7} = \dfrac{12312}{294} = \dfrac{2052}{49} = 41\dfrac{43}{49}$

5. $\dfrac{2}{3} \times \dfrac{7}{6} \times \dfrac{5}{3} = \dfrac{70}{54} = \dfrac{35}{27} = 1\dfrac{8}{27}$

6. $\dfrac{1}{3} \times \dfrac{8}{3} \times \dfrac{7}{6} = \dfrac{56}{54} = \dfrac{28}{27} = 1\dfrac{1}{27}$

7. $\dfrac{1}{7} \times \dfrac{11}{5} \times \dfrac{11}{8} = \dfrac{121}{280}$

8. $\dfrac{25}{9} \times \dfrac{17}{9} \times \dfrac{7}{2} = \dfrac{2975}{162} = 18\dfrac{59}{162}$

9. $\dfrac{1}{5} \times \dfrac{31}{8} \times \dfrac{2}{3} = \dfrac{62}{120} = \dfrac{31}{60}$

10. $\dfrac{15}{4} \times \dfrac{13}{5} \times \dfrac{10}{7} = \dfrac{1950}{140} = \dfrac{195}{14} = 13\dfrac{13}{14}$