Multiplying Mixed Fractions (A)

Name: _____

Date: _____

Score: _____ /10

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

1. $\dfrac{17}{7} \times \dfrac{5}{9} \times 1\dfrac{1}{6} =$ ___ = ___ = ___

2. $\dfrac{4}{3} \times \dfrac{35}{9} \times \dfrac{1}{6} =$ ___ = ___

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

4. $1\dfrac{2}{3} \times \dfrac{1}{6} \times \dfrac{15}{7} =$ ___ = ___

5. $\dfrac{1}{3} \times \dfrac{22}{7} \times \dfrac{14}{5} =$ ___ = ___ = ___

6. $2\dfrac{1}{2} \times \dfrac{4}{5} \times \dfrac{7}{2} =$ ___ = ___ =

7. $\dfrac{3}{8} \times \dfrac{13}{4} \times 3\dfrac{5}{9} =$ ___ = ___ = ___

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

9. $1\dfrac{1}{2} \times 2\dfrac{2}{5} \times \dfrac{5}{6} =$ ___ = ___ =

10. $\dfrac{1}{3} \times 1\dfrac{3}{5} \times 2\dfrac{1}{2} =$ ___ = ___ = ___

Multiplying Mixed Fractions (A) Answers

Name: _____ Date: _____ Score: _____ /10

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

1. $\dfrac{17}{7} \times \dfrac{5}{9} \times 1\dfrac{1}{6} = \dfrac{595}{378} = \dfrac{85}{54} = 1\dfrac{31}{54}$

2. $\dfrac{4}{3} \times \dfrac{35}{9} \times \dfrac{1}{6} = \dfrac{140}{162} = \dfrac{70}{81}$

3. $\dfrac{4}{5} \times 1\dfrac{4}{5} \times 1\dfrac{2}{3} = \dfrac{180}{75} = \dfrac{12}{5} = 2\dfrac{2}{5}$

4. $1\dfrac{2}{3} \times \dfrac{1}{6} \times \dfrac{15}{7} = \dfrac{75}{126} = \dfrac{25}{42}$

5. $\dfrac{1}{3} \times \dfrac{22}{7} \times \dfrac{14}{5} = \dfrac{308}{105} = \dfrac{44}{15} = 2\dfrac{14}{15}$

6. $2\dfrac{1}{2} \times \dfrac{4}{5} \times \dfrac{7}{2} = \dfrac{140}{20} = \dfrac{7}{1} = 7$

7. $\dfrac{3}{8} \times \dfrac{13}{4} \times 3\dfrac{5}{9} = \dfrac{1248}{288} = \dfrac{13}{3} = 4\dfrac{1}{3}$

8. $1\dfrac{3}{5} \times \dfrac{1}{4} \times 3\dfrac{8}{9} = \dfrac{280}{180} = \dfrac{14}{9} = 1\dfrac{5}{9}$

9. $1\dfrac{1}{2} \times 2\dfrac{2}{5} \times \dfrac{5}{6} = \dfrac{180}{60} = \dfrac{3}{1} = 3$

10. $\dfrac{1}{3} \times 1\dfrac{3}{5} \times 2\dfrac{1}{2} = \dfrac{40}{30} = \dfrac{4}{3} = 1\dfrac{1}{3}$