Multiplying Fractions and Whole Numbers (C)

Name: _____

Date: _____

Score: _____ /10

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

1. $\dfrac{7}{6} \times \dfrac{7}{8} \times 2 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2. $\dfrac{2}{3} \times \dfrac{11}{8} \times 6 = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $\dfrac{1}{2} \times \dfrac{7}{2} \times 4 = \underline{\quad} = \underline{\quad} =$

4. $6 \times \dfrac{3}{7} \times \dfrac{5}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5. $3 \times \dfrac{2}{9} \times \dfrac{20}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6. $8 \times \dfrac{9}{8} \times \dfrac{7}{9} = \underline{\quad} = \underline{\quad} =$

7. $6 \times \dfrac{4}{3} \times \dfrac{1}{2} = \underline{\quad} = \underline{\quad} =$

8. $8 \times \dfrac{5}{6} \times \dfrac{20}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

10. $\dfrac{27}{8} \times \dfrac{1}{8} \times 3 = \underline{\quad} = \underline{\quad}$

Multiplying Fractions and Whole Numbers (C) Answers

Name: _____   Date: _____   Score: ____ /10

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

1. $\dfrac{7}{6} \times \dfrac{7}{8} \times 2 = \dfrac{98}{48} = \dfrac{49}{24} = 2\dfrac{1}{24}$

2. $\dfrac{2}{3} \times \dfrac{11}{8} \times 6 = \dfrac{132}{24} = \dfrac{11}{2} = 5\dfrac{1}{2}$

3. $\dfrac{1}{2} \times \dfrac{7}{2} \times 4 = \dfrac{28}{4} = \dfrac{7}{1} = 7$

4. $6 \times \dfrac{3}{7} \times \dfrac{5}{3} = \dfrac{90}{21} = \dfrac{30}{7} = 4\dfrac{2}{7}$

5. $3 \times \dfrac{2}{9} \times \dfrac{20}{7} = \dfrac{120}{63} = \dfrac{40}{21} = 1\dfrac{19}{21}$

6. $8 \times \dfrac{9}{8} \times \dfrac{7}{9} = \dfrac{504}{72} = \dfrac{7}{1} = 7$

7. $6 \times \dfrac{4}{3} \times \dfrac{1}{2} = \dfrac{24}{6} = \dfrac{4}{1} = 4$

8. $8 \times \dfrac{5}{6} \times \dfrac{20}{7} = \dfrac{800}{42} = \dfrac{400}{21} = 19\dfrac{1}{21}$

9. $\dfrac{2}{7} \times \dfrac{5}{2} \times 2 = \dfrac{20}{14} = \dfrac{10}{7} = 1\dfrac{3}{7}$

10. $\dfrac{27}{8} \times \dfrac{1}{8} \times 3 = \dfrac{81}{64} = 1\dfrac{17}{64}$

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