Multiplying and Dividing Whole Numbers and Fractions (G)

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $\dfrac{3}{8} \div 3 = \underline{} \div \underline{} = \underline{} \times \underline{} = \underline{} = \underline{}$

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

3. $\dfrac{1}{9} \div 9 = \underline{} \div \underline{} = \underline{} \times \underline{} = \underline{}$

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

5. $6 \times \dfrac{1}{6} = \underline{} = $

6. $\dfrac{2}{3} \div 6 = \underline{} \div \underline{} = \underline{} \times \underline{} = \underline{} = \underline{}$

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

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

9. $\dfrac{5}{7} \div 3 = \underline{} \div \underline{} = \underline{} \times \underline{} = \underline{}$

10. $2 \times \dfrac{1}{2} = \underline{} = $

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Multiplying and Dividing Whole Numbers and Fractions (G) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\dfrac{3}{8} \div 3 = \dfrac{3}{8} \div \dfrac{3}{1} = \dfrac{3}{8} \times \dfrac{1}{3} = \dfrac{3}{24} = \dfrac{1}{8}$

2. $\dfrac{1}{8} \times 8 = \dfrac{8}{8} = 1$

3. $\dfrac{1}{9} \div 9 = \dfrac{1}{9} \div \dfrac{9}{1} = \dfrac{1}{9} \times \dfrac{1}{9} = \dfrac{1}{81}$

4. $\dfrac{1}{4} \times 2 = \dfrac{2}{4} = \dfrac{1}{2}$

5. $6 \times \dfrac{1}{6} = \dfrac{6}{6} = 1$

6. $\dfrac{2}{3} \div 6 = \dfrac{2}{3} \div \dfrac{6}{1} = \dfrac{2}{3} \times \dfrac{1}{6} = \dfrac{2}{18} = \dfrac{1}{9}$

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

8. $2 \times \dfrac{2}{3} = \dfrac{4}{3} = 1\dfrac{1}{3}$

9. $\dfrac{5}{7} \div 3 = \dfrac{5}{7} \div \dfrac{3}{1} = \dfrac{5}{7} \times \dfrac{1}{3} = \dfrac{5}{21}$

10. $2 \times \dfrac{1}{2} = \dfrac{2}{2} = 1$