Multiplying and Dividing Whole Numbers and Fractions (A)

Name: _____   Date: _____   Score: _____

Calculate each result.

1. $\dfrac{4}{9} \times 3 =$ _____ = _____ = _____

   Result   Simplify   Convert ↓

2. $\dfrac{1}{2} \div 5 =$ _____ ÷ _____ = _____ × _____ = _____

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

4. $\dfrac{1}{7} \div 8 =$ _____ ÷ _____ = _____ × _____ = _____

5. $\dfrac{1}{4} \div 4 =$ _____ ÷ _____ = _____ × _____ = _____

6. $\dfrac{1}{7} \div 5 =$ _____ ÷ _____ = _____ × _____ = _____

7. $\dfrac{2}{3} \div 4 =$ _____ ÷ _____ = _____ × _____ = _____ = _____

8. $\dfrac{2}{7} \times 6 =$ _____ = _____

9. $7 \times \dfrac{1}{4} =$ _____ = _____

10. $\dfrac{2}{9} \times 4 =$ _____

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Multiplying and Dividing Whole Numbers and Fractions (A) Answers

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $\dfrac{4}{9} \times 3 = \dfrac{12}{9} = \dfrac{4}{3} = 1\dfrac{1}{3}$

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

3. $\dfrac{3}{8} \times 2 = \dfrac{6}{8} = \dfrac{3}{4}$

4. $\dfrac{1}{7} \div 8 = \dfrac{1}{7} \div \dfrac{8}{1} = \dfrac{1}{7} \times \dfrac{1}{8} = \dfrac{1}{56}$

5. $\dfrac{1}{4} \div 4 = \dfrac{1}{4} \div \dfrac{4}{1} = \dfrac{1}{4} \times \dfrac{1}{4} = \dfrac{1}{16}$

6. $\dfrac{1}{7} \div 5 = \dfrac{1}{7} \div \dfrac{5}{1} = \dfrac{1}{7} \times \dfrac{1}{5} = \dfrac{1}{35}$

7. $\dfrac{2}{3} \div 4 = \dfrac{2}{3} \div \dfrac{4}{1} = \dfrac{2}{3} \times \dfrac{1}{4} = \dfrac{2}{12} = \dfrac{1}{6}$

8. $\dfrac{2}{7} \times 6 = \dfrac{12}{7} = 1\dfrac{5}{7}$

9. $7 \times \dfrac{1}{4} = \dfrac{7}{4} = 1\dfrac{3}{4}$

10. $\dfrac{2}{9} \times 4 = \dfrac{8}{9}$