

Multiplying and Dividing Whole Numbers and Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{4}{5} \div 8 =$

2. $\frac{1}{4} \times 8 =$

3. $\frac{6}{7} \div 6 =$

4. $4 \div \frac{2}{5} =$

5. $\frac{4}{5} \div 2 =$

6. $6 \div \frac{8}{9} =$

7. $\frac{3}{8} \times 2 =$

8. $\frac{1}{3} \times 6 =$

9. $9 \times \frac{1}{9} =$

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

Multiplying and Dividing Whole Numbers and Fractions (I) Answers

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Calculate each result.

$$1. \quad \frac{4}{5} \div 8 = \frac{4}{5} \div \frac{8}{1} = \frac{4}{5} \times \frac{1}{8} = \frac{4}{40} = \frac{1}{10}$$

$$2. \quad \frac{1}{4} \times 8 = \frac{1}{4} \times \frac{8}{1} = \frac{8}{4} = 2$$

$$3. \quad \frac{6}{7} \div 6 = \frac{6}{7} \div \frac{6}{1} = \frac{6}{7} \times \frac{1}{6} = \frac{6}{42} = \frac{1}{7}$$

$$4. \quad 4 \div \frac{2}{5} = \frac{4}{1} \div \frac{2}{5} = \frac{4}{1} \times \frac{5}{2} = \frac{20}{2} = 10$$

$$5. \quad \frac{4}{5} \div 2 = \frac{4}{5} \div \frac{2}{1} = \frac{4}{5} \times \frac{1}{2} = \frac{4}{10} = \frac{2}{5}$$

$$6. \quad 6 \div \frac{8}{9} = \frac{6}{1} \div \frac{8}{9} = \frac{6}{1} \times \frac{9}{8} = \frac{54}{8} = \frac{27}{4} = 6\frac{3}{4}$$

$$7. \quad \frac{3}{8} \times 2 = \frac{3}{8} \times \frac{2}{1} = \frac{6}{8} = \frac{3}{4}$$

$$8. \quad \frac{1}{3} \times 6 = \frac{1}{3} \times \frac{6}{1} = \frac{6}{3} = 2$$

$$9. \quad 9 \times \frac{1}{9} = \frac{9}{1} \times \frac{1}{9} = \frac{9}{9} = 1$$

$$10. \quad \frac{1}{2} \times 2 = \frac{1}{2} \times \frac{2}{1} = \frac{2}{2} = 1$$