

Multiplying and Dividing Whole Numbers and Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{8}{9} \div 2 =$

2. $\frac{8}{9} \times 3 =$

3. $\frac{3}{4} \times 2 =$

4. $7 \times \frac{1}{7} =$

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

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

7. $\frac{2}{7} \div 8 =$

8. $\frac{7}{8} \div 7 =$

9. $\frac{1}{5} \times 5 =$

10. $7 \times \frac{4}{7} =$

Multiplying and Dividing Whole Numbers and Fractions (B) Answers

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Calculate each result.

$$1. \frac{8}{9} \div 2 = \frac{8}{9} \div \frac{2}{1} = \frac{8}{9} \times \frac{1}{2} = \frac{8}{18} = \frac{4}{9}$$

$$2. \frac{8}{9} \times 3 = \frac{8}{9} \times \frac{3}{1} = \frac{24}{9} = \frac{8}{3} = 2\frac{2}{3}$$

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

$$4. 7 \times \frac{1}{7} = \frac{7}{1} \times \frac{1}{7} = \frac{7}{7} = 1$$

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

$$6. 3 \div \frac{6}{7} = \frac{3}{1} \div \frac{6}{7} = \frac{3}{1} \times \frac{7}{6} = \frac{21}{6} = \frac{7}{2} = 3\frac{1}{2}$$

$$7. \frac{2}{7} \div 8 = \frac{2}{7} \div \frac{8}{1} = \frac{2}{7} \times \frac{1}{8} = \frac{2}{56} = \frac{1}{28}$$

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

$$9. \frac{1}{5} \times 5 = \frac{1}{5} \times \frac{5}{1} = \frac{5}{5} = 1$$

$$10. 7 \times \frac{4}{7} = \frac{7}{1} \times \frac{4}{7} = \frac{28}{7} = 4$$