

Multiplying and Dividing Whole Numbers and Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{3}{5} \div 6 =$

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

3. $\frac{3}{4} \times 8 =$

4. $9 \times \frac{1}{3} =$

5. $8 \div \frac{2}{3} =$

6. $\frac{6}{7} \div 8 =$

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

8. $8 \div \frac{6}{7} =$

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

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

Multiplying and Dividing Whole Numbers and Fractions (H) Answers

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Calculate each result.

$$1. \quad \frac{3}{5} \div 6 = \frac{3}{5} \div \frac{6}{1} = \frac{3}{5} \times \frac{1}{6} = \frac{3}{30} = \frac{1}{10}$$

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

$$3. \quad \frac{3}{4} \times 8 = \frac{3}{4} \times \frac{8}{1} = \frac{24}{4} = 6$$

$$4. \quad 9 \times \frac{1}{3} = \frac{9}{1} \times \frac{1}{3} = \frac{9}{3} = 3$$

$$5. \quad 8 \div \frac{2}{3} = \frac{8}{1} \div \frac{2}{3} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

$$6. \quad \frac{6}{7} \div 8 = \frac{6}{7} \div \frac{8}{1} = \frac{6}{7} \times \frac{1}{8} = \frac{6}{56} = \frac{3}{28}$$

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

$$8. \quad 8 \div \frac{6}{7} = \frac{8}{1} \div \frac{6}{7} = \frac{8}{1} \times \frac{7}{6} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

$$9. \quad \frac{2}{3} \times 3 = \frac{2}{3} \times \frac{3}{1} = \frac{6}{3} = 2$$

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