

## Multiplying and Dividing Whole Numbers and Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $3 \times 1\frac{7}{9} =$

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

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

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

5.  $7 \times 1\frac{2}{7} =$

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

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

8.  $7 \div 3\frac{1}{9} =$

9.  $2 \div 1\frac{3}{5} =$

10.  $1\frac{3}{7} \div 5 =$

# Multiplying and Dividing Whole Numbers and Fractions (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. 3 \times 1\frac{7}{9} = \frac{3}{1} \times \frac{16}{9} = \frac{48}{9} = \frac{16}{3} = 5\frac{1}{3}$$

$$2. 7 \div 3\frac{1}{2} = \frac{7}{1} \div \frac{7}{2} = \frac{7}{1} \times \frac{2}{7} = \frac{14}{7} = 2$$

$$3. 3\frac{3}{7} \div 6 = \frac{24}{7} \div \frac{6}{1} = \frac{24}{7} \times \frac{1}{6} = \frac{24}{42} = \frac{4}{7}$$

$$4. 8 \times 2\frac{1}{2} = \frac{8}{1} \times \frac{5}{2} = \frac{40}{2} = 20$$

$$5. 7 \times 1\frac{2}{7} = \frac{7}{1} \times \frac{9}{7} = \frac{63}{7} = 9$$

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

$$7. 8 \times 1\frac{1}{2} = \frac{8}{1} \times \frac{3}{2} = \frac{24}{2} = 12$$

$$8. 7 \div 3\frac{1}{9} = \frac{7}{1} \div \frac{28}{9} = \frac{7}{1} \times \frac{9}{28} = \frac{63}{28} = \frac{9}{4} = 2\frac{1}{4}$$

$$9. 2 \div 1\frac{3}{5} = \frac{2}{1} \div \frac{8}{5} = \frac{2}{1} \times \frac{5}{8} = \frac{10}{8} = \frac{5}{4} = 1\frac{1}{4}$$

$$10. 1\frac{3}{7} \div 5 = \frac{10}{7} \div \frac{5}{1} = \frac{10}{7} \times \frac{1}{5} = \frac{10}{35} = \frac{2}{7}$$