

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

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

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

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

Calculate each result.

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

2.  $3 \div \frac{17}{9} =$

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

4.  $\frac{18}{7} \div 9 =$

5.  $9 \div \frac{12}{5} =$

6.  $2 \div \frac{9}{4} =$

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

8.  $\frac{5}{3} \times 4 =$

9.  $\frac{17}{7} \times 9 =$

10.  $8 \times \frac{13}{7} =$

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

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

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

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

Calculate each result.

$$1. \quad 6 \div \frac{3}{2} = \frac{6}{1} \div \frac{3}{2} = \frac{6}{1} \times \frac{2}{3} = \frac{12}{3} = 4$$

$$2. \quad 3 \div \frac{17}{9} = \frac{3}{1} \div \frac{17}{9} = \frac{3}{1} \times \frac{9}{17} = \frac{27}{17} = 1\frac{10}{17}$$

$$3. \quad 9 \times \frac{8}{3} = \frac{72}{3} = 24$$

$$4. \quad \frac{18}{7} \div 9 = \frac{18}{7} \div \frac{9}{1} = \frac{18}{7} \times \frac{1}{9} = \frac{18}{63} = \frac{2}{7}$$

$$5. \quad 9 \div \frac{12}{5} = \frac{9}{1} \div \frac{12}{5} = \frac{9}{1} \times \frac{5}{12} = \frac{45}{12} = \frac{15}{4} = 3\frac{3}{4}$$

$$6. \quad 2 \div \frac{9}{4} = \frac{2}{1} \div \frac{9}{4} = \frac{2}{1} \times \frac{4}{9} = \frac{8}{9}$$

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

$$8. \quad \frac{5}{3} \times 4 = \frac{20}{3} = 6\frac{2}{3}$$

$$9. \quad \frac{17}{7} \times 9 = \frac{153}{7} = 21\frac{6}{7}$$

$$10. \quad 8 \times \frac{13}{7} = \frac{104}{7} = 14\frac{6}{7}$$