

Multiplying and Dividing Whole Numbers and Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $9 \div \frac{17}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{14}{5} \times 5 = \text{---} =$

3. $3 \div \frac{3}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} =$

4. $\frac{5}{3} \times 3 = \text{---} =$

5. $\frac{7}{5} \times 3 = \text{---} = \text{---}$

6. $2 \times \frac{17}{6} = \text{---} = \text{---} = \text{---}$

7. $\frac{11}{8} \div 9 = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

8. $7 \div \frac{8}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $5 \times \frac{14}{5} = \text{---} =$

10. $3 \div \frac{17}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Whole Numbers and Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 9 \div \frac{17}{9} = \frac{9}{1} \div \frac{17}{9} = \frac{9}{1} \times \frac{9}{17} = \frac{81}{17} = 4\frac{13}{17}$$

$$2. \quad \frac{14}{5} \times 5 = \frac{70}{5} = 14$$

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

$$4. \quad \frac{5}{3} \times 3 = \frac{15}{3} = 5$$

$$5. \quad \frac{7}{5} \times 3 = \frac{21}{5} = 4\frac{1}{5}$$

$$6. \quad 2 \times \frac{17}{6} = \frac{34}{6} = \frac{17}{3} = 5\frac{2}{3}$$

$$7. \quad \frac{11}{8} \div 9 = \frac{11}{8} \div \frac{9}{1} = \frac{11}{8} \times \frac{1}{9} = \frac{11}{72}$$

$$8. \quad 7 \div \frac{8}{7} = \frac{7}{1} \div \frac{8}{7} = \frac{7}{1} \times \frac{7}{8} = \frac{49}{8} = 6\frac{1}{8}$$

$$9. \quad 5 \times \frac{14}{5} = \frac{70}{5} = 14$$

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