

## Multiplying and Dividing Improper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{23}{9} \div \frac{8}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{7}{4} \times \frac{17}{9} = \text{---} = \text{---}$

3.  $\frac{5}{4} \div \frac{19}{7} = \text{---} \times \text{---} = \text{---}$

4.  $\frac{14}{5} \div \frac{5}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{8}{5} \times \frac{8}{3} = \text{---} = \text{---}$

6.  $\frac{9}{8} \div \frac{5}{3} = \text{---} \times \text{---} = \text{---}$

7.  $\frac{23}{9} \div \frac{12}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $\frac{3}{2} \times \frac{7}{4} = \text{---} = \text{---}$

9.  $\frac{4}{3} \times \frac{7}{3} = \text{---} = \text{---}$

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

## Multiplying and Dividing Improper Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{23}{9} \div \frac{8}{5} = \frac{23}{9} \times \frac{5}{8} = \frac{115}{72} = 1\frac{43}{72}$$

$$2. \quad \frac{7}{4} \times \frac{17}{9} = \frac{119}{36} = 3\frac{11}{36}$$

$$3. \quad \frac{5}{4} \div \frac{19}{7} = \frac{5}{4} \times \frac{7}{19} = \frac{35}{76}$$

$$4. \quad \frac{14}{5} \div \frac{5}{3} = \frac{14}{5} \times \frac{3}{5} = \frac{42}{25} = 1\frac{17}{25}$$

$$5. \quad \frac{8}{5} \times \frac{8}{3} = \frac{64}{15} = 4\frac{4}{15}$$

$$6. \quad \frac{9}{8} \div \frac{5}{3} = \frac{9}{8} \times \frac{3}{5} = \frac{27}{40}$$

$$7. \quad \frac{23}{9} \div \frac{12}{5} = \frac{23}{9} \times \frac{5}{12} = \frac{115}{108} = 1\frac{7}{108}$$

$$8. \quad \frac{3}{2} \times \frac{7}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$9. \quad \frac{4}{3} \times \frac{7}{3} = \frac{28}{9} = 3\frac{1}{9}$$

$$10. \quad \frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$$