

# Multiplying and Dividing Improper Fractions (I)

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

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

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

Calculate each result.

1.  $\frac{11}{4} \div \frac{11}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $\frac{3}{2} \times \frac{12}{5} = \text{---} = \text{---} = \text{---}$

3.  $\frac{21}{8} \div \frac{13}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{17}{7} \div \frac{7}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

5.  $\frac{5}{3} \times \frac{11}{7} = \text{---} = \text{---}$

6.  $\frac{8}{5} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8.  $\frac{5}{3} \times \frac{11}{4} = \text{---} = \text{---}$

9.  $\frac{9}{8} \times \frac{14}{9} = \text{---} = \text{---} = \text{---}$

10.  $\frac{11}{8} \times \frac{5}{2} = \text{---} = \text{---}$

## Multiplying and Dividing Improper Fractions (I) Answers

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

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

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

Calculate each result.

$$1. \frac{11}{4} \div \frac{11}{5} = \frac{11}{4} \times \frac{5}{11} = \frac{55}{44} = \frac{5}{4} = 1\frac{1}{4}$$

$$2. \frac{3}{2} \times \frac{12}{5} = \frac{36}{10} = \frac{18}{5} = 3\frac{3}{5}$$

$$3. \frac{21}{8} \div \frac{13}{9} = \frac{21}{8} \times \frac{9}{13} = \frac{189}{104} = 1\frac{85}{104}$$

$$4. \frac{17}{7} \div \frac{7}{5} = \frac{17}{7} \times \frac{5}{7} = \frac{85}{49} = 1\frac{36}{49}$$

$$5. \frac{5}{3} \times \frac{11}{7} = \frac{55}{21} = 2\frac{13}{21}$$

$$6. \frac{8}{5} \div \frac{3}{2} = \frac{8}{5} \times \frac{2}{3} = \frac{16}{15} = 1\frac{1}{15}$$

$$7. \frac{3}{2} \div \frac{3}{2} = \frac{3}{2} \times \frac{2}{3} = \frac{6}{6} = 1$$

$$8. \frac{5}{3} \times \frac{11}{4} = \frac{55}{12} = 4\frac{7}{12}$$

$$9. \frac{9}{8} \times \frac{14}{9} = \frac{126}{72} = \frac{7}{4} = 1\frac{3}{4}$$

$$10. \frac{11}{8} \times \frac{5}{2} = \frac{55}{16} = 3\frac{7}{16}$$