

# Multiplying and Dividing Improper Fractions (A)

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

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

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

Calculate each result.

1.  $\frac{9}{4} \div \frac{3}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$   
Inversion      Result      Simplify      Convert ↓

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

3.  $\frac{11}{6} \times \frac{9}{5} = \text{---} = \text{---} = \text{---}$

4.  $\frac{7}{3} \div \frac{13}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5.  $\frac{13}{9} \times \frac{3}{2} = \text{---} = \text{---} = \text{---}$

6.  $\frac{5}{4} \times \frac{9}{5} = \text{---} = \text{---} = \text{---}$

7.  $\frac{5}{2} \div \frac{20}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

10.  $\frac{12}{5} \times \frac{7}{4} = \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Improper Fractions (A) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{9}{4} \div \frac{3}{2} = \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad \frac{11}{8} \div \frac{5}{2} = \frac{11}{8} \times \frac{2}{5} = \frac{22}{40} = \frac{11}{20}$$

$$3. \quad \frac{11}{6} \times \frac{9}{5} = \frac{99}{30} = \frac{33}{10} = 3\frac{3}{10}$$

$$4. \quad \frac{7}{3} \div \frac{13}{6} = \frac{7}{3} \times \frac{6}{13} = \frac{42}{39} = \frac{14}{13} = 1\frac{1}{13}$$

$$5. \quad \frac{13}{9} \times \frac{3}{2} = \frac{39}{18} = \frac{13}{6} = 2\frac{1}{6}$$

$$6. \quad \frac{5}{4} \times \frac{9}{5} = \frac{45}{20} = \frac{9}{4} = 2\frac{1}{4}$$

$$7. \quad \frac{5}{2} \div \frac{20}{9} = \frac{5}{2} \times \frac{9}{20} = \frac{45}{40} = \frac{9}{8} = 1\frac{1}{8}$$

$$8. \quad \frac{5}{2} \div \frac{3}{2} = \frac{5}{2} \times \frac{2}{3} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3}$$

$$9. \quad \frac{11}{8} \times \frac{8}{5} = \frac{88}{40} = \frac{11}{5} = 2\frac{1}{5}$$

$$10. \quad \frac{12}{5} \times \frac{7}{4} = \frac{84}{20} = \frac{21}{5} = 4\frac{1}{5}$$