

# Multiplying and Dividing Improper Fractions (F)

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

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

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

Calculate each result.

1.  $\frac{8}{5} \times \frac{5}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{3}{2} \times \frac{5}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{8}{3} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{5}{2} \div \frac{11}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{9}{5} \times \frac{7}{4} = \underline{\quad} = \underline{\quad}$

6.  $\frac{3}{2} \div \frac{9}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{5}{2} \times \frac{3}{2} = \underline{\quad} = \underline{\quad}$

8.  $\frac{16}{7} \div \frac{9}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{13}{7} \times \frac{11}{6} = \underline{\quad} = \underline{\quad}$

10.  $\frac{9}{4} \div \frac{14}{9} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (F) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{8}{5} \times \frac{5}{3} = \frac{40}{15} = \frac{8}{3} = 2\frac{2}{3}$$

$$2. \quad \frac{3}{2} \times \frac{5}{3} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$3. \quad \frac{8}{3} \div \frac{8}{3} = \frac{8}{3} \times \frac{3}{8} = \frac{24}{24} = 1$$

$$4. \quad \frac{5}{2} \div \frac{11}{4} = \frac{5}{2} \times \frac{4}{11} = \frac{20}{22} = \frac{10}{11}$$

$$5. \quad \frac{9}{5} \times \frac{7}{4} = \frac{63}{20} = 3\frac{3}{20}$$

$$6. \quad \frac{3}{2} \div \frac{9}{7} = \frac{3}{2} \times \frac{7}{9} = \frac{21}{18} = \frac{7}{6} = 1\frac{1}{6}$$

$$7. \quad \frac{5}{2} \times \frac{3}{2} = \frac{15}{4} = 3\frac{3}{4}$$

$$8. \quad \frac{16}{7} \div \frac{9}{4} = \frac{16}{7} \times \frac{4}{9} = \frac{64}{63} = 1\frac{1}{63}$$

$$9. \quad \frac{13}{7} \times \frac{11}{6} = \frac{143}{42} = 3\frac{17}{42}$$

$$10. \quad \frac{9}{4} \div \frac{14}{9} = \frac{9}{4} \times \frac{9}{14} = \frac{81}{56} = 1\frac{25}{56}$$