

# Multiplying and Dividing Improper Fractions (J)

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

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

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

Calculate each result.

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

2.  $\frac{11}{8} \times \frac{5}{2} = \underline{\quad} = \underline{\quad}$

3.  $\frac{5}{2} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

4.  $\frac{8}{3} \div \frac{7}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{14}{9} \div \frac{11}{4} = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

6.  $\frac{3}{2} \times \frac{11}{8} = \underline{\quad} = \underline{\quad}$

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

8.  $\frac{3}{2} \div \frac{10}{7} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9.  $\frac{19}{7} \div \frac{8}{3} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $\frac{8}{3} \times \frac{4}{3} = \underline{\quad} = \underline{\quad}$

## Multiplying and Dividing Improper Fractions (J) Answers

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

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

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

Calculate each result.

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

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

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

$$4. \quad \frac{8}{3} \div \frac{7}{4} = \frac{8}{3} \times \frac{4}{7} = \frac{32}{21} = 1\frac{11}{21}$$

$$5. \quad \frac{14}{9} \div \frac{11}{4} = \frac{14}{9} \times \frac{4}{11} = \frac{56}{99}$$

$$6. \quad \frac{3}{2} \times \frac{11}{8} = \frac{33}{16} = 2\frac{1}{16}$$

$$7. \quad \frac{9}{7} \times \frac{11}{7} = \frac{99}{49} = 2\frac{1}{49}$$

$$8. \quad \frac{3}{2} \div \frac{10}{7} = \frac{3}{2} \times \frac{7}{10} = \frac{21}{20} = 1\frac{1}{20}$$

$$9. \quad \frac{19}{7} \div \frac{8}{3} = \frac{19}{7} \times \frac{3}{8} = \frac{57}{56} = 1\frac{1}{56}$$

$$10. \quad \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$