

Multiplying and Dividing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{8}{3} \times \frac{1}{2} =$

2. $\frac{5}{9} \div \frac{5}{2} =$

3. $\frac{1}{2} \div \frac{17}{8} =$

4. $\frac{1}{2} \div \frac{11}{4} =$

5. $\frac{1}{8} \times \frac{10}{9} =$

6. $\frac{1}{2} \div \frac{7}{4} =$

7. $\frac{1}{2} \times \frac{8}{5} =$

8. $\frac{3}{5} \div \frac{9}{8} =$

9. $\frac{8}{3} \times \frac{1}{4} =$

10. $\frac{9}{4} \times \frac{7}{9} =$

Multiplying and Dividing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{8}{3} \times \frac{1}{2} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$2. \quad \frac{5}{9} \div \frac{5}{2} = \frac{5}{9} \times \frac{2}{5} = \frac{10}{45} = \frac{2}{9}$$

$$3. \quad \frac{1}{2} \div \frac{17}{8} = \frac{1}{2} \times \frac{8}{17} = \frac{8}{34} = \frac{4}{17}$$

$$4. \quad \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$5. \quad \frac{1}{8} \times \frac{10}{9} = \frac{10}{72} = \frac{5}{36}$$

$$6. \quad \frac{1}{2} \div \frac{7}{4} = \frac{1}{2} \times \frac{4}{7} = \frac{4}{14} = \frac{2}{7}$$

$$7. \quad \frac{1}{2} \times \frac{8}{5} = \frac{8}{10} = \frac{4}{5}$$

$$8. \quad \frac{3}{5} \div \frac{9}{8} = \frac{3}{5} \times \frac{8}{9} = \frac{24}{45} = \frac{8}{15}$$

$$9. \quad \frac{8}{3} \times \frac{1}{4} = \frac{8}{12} = \frac{2}{3}$$

$$10. \quad \frac{9}{4} \times \frac{7}{9} = \frac{63}{36} = \frac{7}{4} = 1\frac{3}{4}$$