

Multiplying and Dividing Proper and Mixed Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{1}{3} \div 1\frac{1}{3} =$

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

3. $\frac{2}{5} \div 3\frac{3}{4} =$

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

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

6. $2\frac{5}{9} \div \frac{2}{3} =$

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

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

9. $\frac{2}{5} \times 3\frac{1}{2} =$

10. $2\frac{2}{3} \times \frac{1}{2} =$

Multiplying and Dividing Proper and Mixed Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{1}{3} \div 1\frac{1}{3} = \frac{1}{3} \div \frac{4}{3} = \frac{1}{3} \times \frac{3}{4} = \frac{3}{12} = \frac{1}{4}$$

$$2. \frac{2}{9} \div 1\frac{3}{4} = \frac{2}{9} \div \frac{7}{4} = \frac{2}{9} \times \frac{4}{7} = \frac{8}{63}$$

$$3. \frac{2}{5} \div 3\frac{3}{4} = \frac{2}{5} \div \frac{15}{4} = \frac{2}{5} \times \frac{4}{15} = \frac{8}{75}$$

$$4. \frac{1}{6} \div 1\frac{2}{3} = \frac{1}{6} \div \frac{5}{3} = \frac{1}{6} \times \frac{3}{5} = \frac{3}{30} = \frac{1}{10}$$

$$5. \frac{3}{4} \times 3\frac{3}{7} = \frac{3}{4} \times \frac{24}{7} = \frac{72}{28} = \frac{18}{7} = 2\frac{4}{7}$$

$$6. 2\frac{5}{9} \div \frac{2}{3} = \frac{23}{9} \div \frac{2}{3} = \frac{23}{9} \times \frac{3}{2} = \frac{69}{18} = \frac{23}{6} = 3\frac{5}{6}$$

$$7. \frac{1}{2} \times 1\frac{3}{4} = \frac{1}{2} \times \frac{7}{4} = \frac{7}{8}$$

$$8. 3\frac{2}{3} \times \frac{1}{6} = \frac{11}{3} \times \frac{1}{6} = \frac{11}{18}$$

$$9. \frac{2}{5} \times 3\frac{1}{2} = \frac{2}{5} \times \frac{7}{2} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$10. 2\frac{2}{3} \times \frac{1}{2} = \frac{8}{3} \times \frac{1}{2} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$