

Multiplying and Dividing Proper and Mixed Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{3}{4} \div 1\frac{4}{5} =$

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

4. $3\frac{1}{8} \times \frac{5}{9} =$

5. $\frac{2}{9} \div 1\frac{7}{8} =$

6. $1\frac{4}{7} \times \frac{3}{8} =$

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

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

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

10. $2\frac{1}{2} \div \frac{3}{4} =$

Multiplying and Dividing Proper and Mixed Fractions (B) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \frac{3}{7} \times 3\frac{1}{2} = \frac{3}{7} \times \frac{7}{2} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \frac{3}{4} \div 1\frac{4}{5} = \frac{3}{4} \div \frac{9}{5} = \frac{3}{4} \times \frac{5}{9} = \frac{15}{36} = \frac{5}{12}$$

$$3. 2\frac{1}{2} \times \frac{5}{6} = \frac{5}{2} \times \frac{5}{6} = \frac{25}{12} = 2\frac{1}{12}$$

$$4. 3\frac{1}{8} \times \frac{5}{9} = \frac{25}{8} \times \frac{5}{9} = \frac{125}{72} = 1\frac{53}{72}$$

$$5. \frac{2}{9} \div 1\frac{7}{8} = \frac{2}{9} \div \frac{15}{8} = \frac{2}{9} \times \frac{8}{15} = \frac{16}{135}$$

$$6. 1\frac{4}{7} \times \frac{3}{8} = \frac{11}{7} \times \frac{3}{8} = \frac{33}{56}$$

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

$$8. \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$

$$9. 2\frac{1}{2} \times \frac{1}{2} = \frac{5}{2} \times \frac{1}{2} = \frac{5}{4} = 1\frac{1}{4}$$

$$10. 2\frac{1}{2} \div \frac{3}{4} = \frac{5}{2} \div \frac{3}{4} = \frac{5}{2} \times \frac{4}{3} = \frac{20}{6} = \frac{10}{3} = 3\frac{1}{3}$$