

Multiplying and Dividing Various Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{25}{8} \div 1\frac{8}{9} =$

3. $\frac{7}{6} \times 2\frac{1}{2} =$

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

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

6. $2\frac{1}{9} \div \frac{9}{8} =$

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

8. $1\frac{1}{4} \times \frac{16}{5} =$

9. $\frac{4}{5} \times \frac{13}{4} =$

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

Multiplying and Dividing Various Fractions (E) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{2} \div 3\frac{1}{3} = \frac{5}{2} \div \frac{10}{3} = \frac{5}{2} \times \frac{3}{10} = \frac{15}{20} = \frac{3}{4}$$

$$2. \quad \frac{25}{8} \div 1\frac{8}{9} = \frac{25}{8} \div \frac{17}{9} = \frac{25}{8} \times \frac{9}{17} = \frac{225}{136} = 1\frac{89}{136}$$

$$3. \quad \frac{7}{6} \times 2\frac{1}{2} = \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

$$4. \quad 3\frac{1}{3} \div 3\frac{1}{2} = \frac{10}{3} \div \frac{7}{2} = \frac{10}{3} \times \frac{2}{7} = \frac{20}{21}$$

$$5. \quad 3\frac{1}{2} \times \frac{10}{9} = \frac{7}{2} \times \frac{10}{9} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

$$6. \quad 2\frac{1}{9} \div \frac{9}{8} = \frac{19}{9} \div \frac{9}{8} = \frac{19}{9} \times \frac{8}{9} = \frac{152}{81} = 1\frac{71}{81}$$

$$7. \quad \frac{1}{4} \div 3\frac{6}{7} = \frac{1}{4} \div \frac{27}{7} = \frac{1}{4} \times \frac{7}{27} = \frac{7}{108}$$

$$8. \quad 1\frac{1}{4} \times \frac{16}{5} = \frac{5}{4} \times \frac{16}{5} = \frac{80}{20} = 4$$

$$9. \quad \frac{4}{5} \times \frac{13}{4} = \frac{52}{20} = \frac{13}{5} = 2\frac{3}{5}$$

$$10. \quad \frac{8}{9} \times 1\frac{3}{8} = \frac{8}{9} \times \frac{11}{8} = \frac{88}{72} = \frac{11}{9} = 1\frac{2}{9}$$