

Multiplying and Dividing Various Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{6} \div \frac{4}{3} =$

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

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

4. $2\frac{3}{5} \div \frac{13}{8} =$

5. $3\frac{3}{5} \div \frac{16}{7} =$

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

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

8. $2\frac{5}{7} \times 1\frac{3}{4} =$

9. $1\frac{6}{7} \times \frac{7}{5} =$

10. $1\frac{1}{3} \times \frac{11}{4} =$

Multiplying and Dividing Various Fractions (F) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{6} \div \frac{4}{3} = \frac{11}{6} \times \frac{3}{4} = \frac{33}{24} = \frac{11}{8} = 1\frac{3}{8}$$

$$2. \quad \frac{10}{3} \div 3\frac{1}{3} = \frac{10}{3} \div \frac{10}{3} = \frac{10}{3} \times \frac{3}{10} = \frac{30}{30} = 1$$

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

$$4. \quad 2\frac{3}{5} \div \frac{13}{8} = \frac{13}{5} \div \frac{13}{8} = \frac{13}{5} \times \frac{8}{13} = \frac{104}{65} = \frac{8}{5} = 1\frac{3}{5}$$

$$5. \quad 3\frac{3}{5} \div \frac{16}{7} = \frac{18}{5} \div \frac{16}{7} = \frac{18}{5} \times \frac{7}{16} = \frac{126}{80} = \frac{63}{40} = 1\frac{23}{40}$$

$$6. \quad \frac{5}{3} \times 1\frac{1}{2} = \frac{5}{3} \times \frac{3}{2} = \frac{15}{6} = \frac{5}{2} = 2\frac{1}{2}$$

$$7. \quad 2\frac{2}{3} \times 2\frac{1}{2} = \frac{8}{3} \times \frac{5}{2} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$$

$$8. \quad 2\frac{5}{7} \times 1\frac{3}{4} = \frac{19}{7} \times \frac{7}{4} = \frac{133}{28} = \frac{19}{4} = 4\frac{3}{4}$$

$$9. \quad 1\frac{6}{7} \times \frac{7}{5} = \frac{13}{7} \times \frac{7}{5} = \frac{91}{35} = \frac{13}{5} = 2\frac{3}{5}$$

$$10. \quad 1\frac{1}{3} \times \frac{11}{4} = \frac{4}{3} \times \frac{11}{4} = \frac{44}{12} = \frac{11}{3} = 3\frac{2}{3}$$