

Multiplying and Dividing Various Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{19}{6} \div \frac{2}{5} =$

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

3. $\frac{23}{9} \div 1\frac{1}{2} =$

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

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

6. $2\frac{5}{6} \div \frac{16}{5} =$

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

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

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

10. $\frac{22}{7} \div \frac{3}{2} =$

Multiplying and Dividing Various Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{19}{6} \div \frac{2}{5} = \frac{19}{6} \div \frac{2}{5} = \frac{19}{6} \times \frac{5}{2} = \frac{95}{12} = 7\frac{11}{12}$$

$$2. \quad 3\frac{2}{3} \times \frac{7}{3} = \frac{11}{3} \times \frac{7}{3} = \frac{77}{9} = 8\frac{5}{9}$$

$$3. \quad \frac{23}{9} \div 1\frac{1}{2} = \frac{23}{9} \div \frac{3}{2} = \frac{23}{9} \times \frac{2}{3} = \frac{46}{27} = 1\frac{19}{27}$$

$$4. \quad 3\frac{2}{7} \times \frac{1}{3} = \frac{23}{7} \times \frac{1}{3} = \frac{23}{21} = 1\frac{2}{21}$$

$$5. \quad 3\frac{7}{9} \times \frac{10}{7} = \frac{34}{9} \times \frac{10}{7} = \frac{340}{63} = 5\frac{25}{63}$$

$$6. \quad 2\frac{5}{6} \div \frac{16}{5} = \frac{17}{6} \div \frac{16}{5} = \frac{17}{6} \times \frac{5}{16} = \frac{85}{96}$$

$$7. \quad \frac{7}{4} \div 2\frac{1}{7} = \frac{7}{4} \div \frac{15}{7} = \frac{7}{4} \times \frac{7}{15} = \frac{49}{60}$$

$$8. \quad 3\frac{1}{5} \times \frac{3}{5} = \frac{16}{5} \times \frac{3}{5} = \frac{48}{25} = 1\frac{23}{25}$$

$$9. \quad \frac{8}{3} \times \frac{8}{3} = \frac{64}{9} = 7\frac{1}{9}$$

$$10. \quad \frac{22}{7} \div \frac{3}{2} = \frac{22}{7} \times \frac{2}{3} = \frac{44}{21} = 2\frac{2}{21}$$