

Multiplying and Dividing Various Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{2}{9} \div \frac{19}{9} =$

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

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

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

5. $1\frac{2}{7} \div \frac{14}{5} =$

6. $1\frac{4}{7} \div 3\frac{4}{5} =$

7. $\frac{1}{2} \div \frac{11}{4} =$

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

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

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

Multiplying and Dividing Various Fractions (B) Answers

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Calculate each result.

$$1. \quad \frac{2}{9} \div \frac{19}{9} = \frac{2}{9} \div \frac{19}{9} = \frac{2}{9} \times \frac{9}{19} = \frac{18}{171} = \frac{2}{19}$$

$$2. \quad 2\frac{7}{8} \div 3\frac{1}{2} = \frac{23}{8} \div \frac{7}{2} = \frac{23}{8} \times \frac{2}{7} = \frac{46}{56} = \frac{23}{28}$$

$$3. \quad 1\frac{1}{9} \times \frac{8}{5} = \frac{10}{9} \times \frac{8}{5} = \frac{80}{45} = \frac{16}{9} = 1\frac{7}{9}$$

$$4. \quad 2\frac{1}{5} \times 2\frac{1}{2} = \frac{11}{5} \times \frac{5}{2} = \frac{55}{10} = \frac{11}{2} = 5\frac{1}{2}$$

$$5. \quad 1\frac{2}{7} \div \frac{14}{5} = \frac{9}{7} \div \frac{14}{5} = \frac{9}{7} \times \frac{5}{14} = \frac{45}{98}$$

$$6. \quad 1\frac{4}{7} \div 3\frac{4}{5} = \frac{11}{7} \div \frac{19}{5} = \frac{11}{7} \times \frac{5}{19} = \frac{55}{133}$$

$$7. \quad \frac{1}{2} \div \frac{11}{4} = \frac{1}{2} \times \frac{4}{11} = \frac{4}{22} = \frac{2}{11}$$

$$8. \quad 1\frac{7}{9} \times \frac{5}{2} = \frac{16}{9} \times \frac{5}{2} = \frac{80}{18} = \frac{40}{9} = 4\frac{4}{9}$$

$$9. \quad \frac{5}{4} \times \frac{4}{3} = \frac{20}{12} = \frac{5}{3} = 1\frac{2}{3}$$

$$10. \quad \frac{1}{8} \times 2\frac{2}{3} = \frac{1}{8} \times \frac{8}{3} = \frac{8}{24} = \frac{1}{3}$$