

Multiplying and Dividing Various Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $2\frac{1}{9} \div \frac{22}{9} =$

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

3. $\frac{11}{5} \times \frac{4}{9} =$

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

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

6. $3\frac{2}{7} \div \frac{3}{5} =$

7. $\frac{1}{2} \div \frac{29}{9} =$

8. $\frac{7}{2} \times \frac{19}{8} =$

9. $\frac{9}{4} \times 3\frac{1}{2} =$

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

Multiplying and Dividing Various Fractions (F) Answers

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Calculate each result.

$$1. \quad 2\frac{1}{9} \div \frac{22}{9} = \frac{19}{9} \div \frac{22}{9} = \frac{19}{9} \times \frac{9}{22} = \frac{171}{198} = \frac{19}{22}$$

$$2. \quad 2\frac{2}{3} \times 3\frac{1}{2} = \frac{8}{3} \times \frac{7}{2} = \frac{56}{6} = \frac{28}{3} = 9\frac{1}{3}$$

$$3. \quad \frac{11}{5} \times \frac{4}{9} = \frac{44}{45}$$

$$4. \quad \frac{1}{2} \div 3\frac{2}{3} = \frac{1}{2} \div \frac{11}{3} = \frac{1}{2} \times \frac{3}{11} = \frac{3}{22}$$

$$5. \quad 3\frac{1}{2} \div 1\frac{7}{8} = \frac{7}{2} \div \frac{15}{8} = \frac{7}{2} \times \frac{8}{15} = \frac{56}{30} = \frac{28}{15} = 1\frac{13}{15}$$

$$6. \quad 3\frac{2}{7} \div \frac{3}{5} = \frac{23}{7} \div \frac{3}{5} = \frac{23}{7} \times \frac{5}{3} = \frac{115}{21} = 5\frac{10}{21}$$

$$7. \quad \frac{1}{2} \div \frac{29}{9} = \frac{1}{2} \times \frac{9}{29} = \frac{9}{58}$$

$$8. \quad \frac{7}{2} \times \frac{19}{8} = \frac{133}{16} = 8\frac{5}{16}$$

$$9. \quad \frac{9}{4} \times 3\frac{1}{2} = \frac{9}{4} \times \frac{7}{2} = \frac{63}{8} = 7\frac{7}{8}$$

$$10. \quad 1\frac{1}{2} \times \frac{4}{3} = \frac{3}{2} \times \frac{4}{3} = \frac{12}{6} = 2$$