

Multiplying and Dividing Various Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{1}{5} \times \frac{25}{9} =$

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

4. $\frac{34}{9} \times \frac{19}{8} =$

5. $\frac{11}{3} \div \frac{10}{3} =$

6. $3\frac{3}{7} \times 3\frac{4}{7} =$

7. $\frac{23}{7} \div 3\frac{4}{9} =$

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

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

10. $2\frac{1}{7} \div \frac{3}{2} =$

Multiplying and Dividing Various Fractions (D) Answers

Name: _____

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Calculate each result.

$$1. \quad 2\frac{7}{9} \div \frac{9}{5} = \frac{25}{9} \div \frac{9}{5} = \frac{25}{9} \times \frac{5}{9} = \frac{125}{81} = 1\frac{44}{81}$$

$$2. \quad \frac{1}{5} \times \frac{25}{9} = \frac{1}{5} \times \frac{25}{9} = \frac{25}{45} = \frac{5}{9}$$

$$3. \quad \frac{4}{7} \div 1\frac{1}{6} = \frac{4}{7} \div \frac{7}{6} = \frac{4}{7} \times \frac{6}{7} = \frac{24}{49}$$

$$4. \quad \frac{34}{9} \times \frac{19}{8} = \frac{646}{72} = \frac{323}{36} = 8\frac{35}{36}$$

$$5. \quad \frac{11}{3} \div \frac{10}{3} = \frac{11}{3} \times \frac{3}{10} = \frac{33}{30} = \frac{11}{10} = 1\frac{1}{10}$$

$$6. \quad 3\frac{3}{7} \times 3\frac{4}{7} = \frac{24}{7} \times \frac{25}{7} = \frac{600}{49} = 12\frac{12}{49}$$

$$7. \quad \frac{23}{7} \div 3\frac{4}{9} = \frac{23}{7} \div \frac{31}{9} = \frac{23}{7} \times \frac{9}{31} = \frac{207}{217}$$

$$8. \quad 2\frac{4}{5} \times 2\frac{3}{7} = \frac{14}{5} \times \frac{17}{7} = \frac{238}{35} = \frac{34}{5} = 6\frac{4}{5}$$

$$9. \quad 1\frac{2}{3} \times \frac{12}{5} = \frac{5}{3} \times \frac{12}{5} = \frac{60}{15} = 4$$

$$10. \quad 2\frac{1}{7} \div \frac{3}{2} = \frac{15}{7} \div \frac{3}{2} = \frac{15}{7} \times \frac{2}{3} = \frac{30}{21} = \frac{10}{7} = 1\frac{3}{7}$$