

Multiplying and Dividing Various Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $\frac{13}{8} \times 2\frac{7}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{29}{8} \times \frac{11}{4} = \text{---} = \text{---}$

4. $\frac{5}{3} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---}$

5. $\frac{10}{7} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---}$

6. $\frac{17}{9} \div \frac{7}{2} = \text{---} \times \text{---} = \text{---}$

7. $1\frac{1}{2} \times \frac{11}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $1\frac{1}{2} \div 1\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9. $\frac{11}{7} \div \frac{3}{8} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{7}{2} \div \frac{7}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (D) Answers

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Score: _____

Calculate each result.

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

$$2. \quad \frac{13}{8} \times 2\frac{7}{8} = \frac{13}{8} \times \frac{23}{8} = \frac{299}{64} = 4\frac{43}{64}$$

$$3. \quad \frac{29}{8} \times \frac{11}{4} = \frac{319}{32} = 9\frac{31}{32}$$

$$4. \quad \frac{5}{3} \div \frac{11}{4} = \frac{5}{3} \times \frac{4}{11} = \frac{20}{33}$$

$$5. \quad \frac{10}{7} \times \frac{1}{3} = \frac{10}{7} \times \frac{1}{3} = \frac{10}{21}$$

$$6. \quad \frac{17}{9} \div \frac{7}{2} = \frac{17}{9} \times \frac{2}{7} = \frac{34}{63}$$

$$7. \quad 1\frac{1}{2} \times \frac{11}{5} = \frac{3}{2} \times \frac{11}{5} = \frac{33}{10} = 3\frac{3}{10}$$

$$8. \quad 1\frac{1}{2} \div 1\frac{8}{9} = \frac{3}{2} \div \frac{17}{9} = \frac{3}{2} \times \frac{9}{17} = \frac{27}{34}$$

$$9. \quad \frac{11}{7} \div \frac{3}{8} = \frac{11}{7} \times \frac{8}{3} = \frac{88}{21} = 4\frac{4}{21}$$

$$10. \quad \frac{7}{2} \div \frac{7}{2} = \frac{7}{2} \times \frac{2}{7} = \frac{14}{14} = 1$$