

Multiplying and Dividing Various Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{11}{6} \div \frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{3}{5} \times \frac{12}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $3\frac{1}{4} \times \frac{13}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $3\frac{4}{5} \times \frac{6}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{10}{3} \div 3\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $\frac{4}{7} \div \frac{3}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{6}{7} \div \frac{5}{3} = \text{---} \times \text{---} = \text{---}$

8. $\frac{6}{7} \div 3\frac{1}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

9. $\frac{31}{9} \times 1\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{1}{3} \times \frac{7}{4} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{11}{6} \div \frac{5}{7} = \frac{11}{6} \times \frac{7}{5} = \frac{77}{30} = 2\frac{17}{30}$$

$$2. \quad \frac{3}{5} \times \frac{12}{7} = \frac{3}{5} \times \frac{12}{7} = \frac{36}{35} = 1\frac{1}{35}$$

$$3. \quad 3\frac{1}{4} \times \frac{13}{4} = \frac{13}{4} \times \frac{13}{4} = \frac{169}{16} = 10\frac{9}{16}$$

$$4. \quad 3\frac{4}{5} \times \frac{6}{5} = \frac{19}{5} \times \frac{6}{5} = \frac{114}{25} = 4\frac{14}{25}$$

$$5. \quad \frac{10}{3} \div 3\frac{1}{4} = \frac{10}{3} \div \frac{13}{4} = \frac{10}{3} \times \frac{4}{13} = \frac{40}{39} = 1\frac{1}{39}$$

$$6. \quad \frac{4}{7} \div \frac{3}{8} = \frac{4}{7} \div \frac{3}{8} = \frac{4}{7} \times \frac{8}{3} = \frac{32}{21} = 1\frac{11}{21}$$

$$7. \quad \frac{6}{7} \div \frac{5}{3} = \frac{6}{7} \times \frac{3}{5} = \frac{18}{35}$$

$$8. \quad \frac{6}{7} \div 3\frac{1}{8} = \frac{6}{7} \div \frac{25}{8} = \frac{6}{7} \times \frac{8}{25} = \frac{48}{175}$$

$$9. \quad \frac{31}{9} \times 1\frac{1}{9} = \frac{31}{9} \times \frac{10}{9} = \frac{310}{81} = 3\frac{67}{81}$$

$$10. \quad \frac{1}{3} \times \frac{7}{4} = \frac{1}{3} \times \frac{7}{4} = \frac{7}{12}$$