

# Multiplying and Dividing Various Fractions (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{7}{2} \times 1\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $3\frac{6}{7} \times \frac{1}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

3.  $\frac{9}{4} \div \frac{18}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

4.  $\frac{21}{8} \div \frac{18}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5.  $3\frac{1}{4} \times 2\frac{4}{5} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6.  $\frac{5}{2} \div 1\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7.  $\frac{2}{3} \div \frac{20}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

9.  $2\frac{1}{3} \times 1\frac{5}{7} = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $2\frac{1}{3} \div 1\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

## Multiplying and Dividing Various Fractions (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{7}{2} \times 1\frac{1}{9} = \frac{7}{2} \times \frac{10}{9} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

$$2. \quad 3\frac{6}{7} \times \frac{1}{3} = \frac{27}{7} \times \frac{1}{3} = \frac{27}{21} = \frac{9}{7} = 1\frac{2}{7}$$

$$3. \quad \frac{9}{4} \div \frac{18}{5} = \frac{9}{4} \times \frac{5}{18} = \frac{45}{72} = \frac{5}{8}$$

$$4. \quad \frac{21}{8} \div \frac{18}{7} = \frac{21}{8} \times \frac{7}{18} = \frac{147}{144} = \frac{49}{48} = 1\frac{1}{48}$$

$$5. \quad 3\frac{1}{4} \times 2\frac{4}{5} = \frac{13}{4} \times \frac{14}{5} = \frac{182}{20} = \frac{91}{10} = 9\frac{1}{10}$$

$$6. \quad \frac{5}{2} \div 1\frac{3}{4} = \frac{5}{2} \div \frac{7}{4} = \frac{5}{2} \times \frac{4}{7} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$7. \quad \frac{2}{3} \div \frac{20}{7} = \frac{2}{3} \times \frac{7}{20} = \frac{14}{60} = \frac{7}{30}$$

$$8. \quad \frac{11}{8} \times \frac{8}{3} = \frac{88}{24} = \frac{11}{3} = 3\frac{2}{3}$$

$$9. \quad 2\frac{1}{3} \times 1\frac{5}{7} = \frac{7}{3} \times \frac{12}{7} = \frac{84}{21} = 4$$

$$10. \quad 2\frac{1}{3} \div 1\frac{5}{9} = \frac{7}{3} \div \frac{14}{9} = \frac{7}{3} \times \frac{9}{14} = \frac{63}{42} = \frac{3}{2} = 1\frac{1}{2}$$