

# Multiplying and Dividing Various Fractions (J)

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

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

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

Calculate each result.

1.  $2\frac{4}{5} \times 1\frac{5}{8} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2.  $\frac{11}{3} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

3.  $\frac{6}{5} \div \frac{4}{9} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

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

8.  $\frac{13}{4} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

9.  $\frac{1}{5} \div \frac{8}{3} = \text{---} \times \text{---} = \text{---}$

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

## Multiplying and Dividing Various Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{4}{5} \times 1\frac{5}{8} = \frac{14}{5} \times \frac{13}{8} = \frac{182}{40} = \frac{91}{20} = 4\frac{11}{20}$$

$$2. \quad \frac{11}{3} \times \frac{1}{2} = \frac{11}{3} \times \frac{1}{2} = \frac{11}{6} = 1\frac{5}{6}$$

$$3. \quad \frac{6}{5} \div \frac{4}{9} = \frac{6}{5} \times \frac{9}{4} = \frac{54}{20} = \frac{27}{10} = 2\frac{7}{10}$$

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

$$5. \quad \frac{9}{5} \times \frac{3}{4} = \frac{9}{5} \times \frac{3}{4} = \frac{27}{20} = 1\frac{7}{20}$$

$$6. \quad 3\frac{2}{7} \times \frac{1}{2} = \frac{23}{7} \times \frac{1}{2} = \frac{23}{14} = 1\frac{9}{14}$$

$$7. \quad \frac{5}{4} \div \frac{1}{4} = \frac{5}{4} \times \frac{4}{1} = \frac{20}{4} = 5$$

$$8. \quad \frac{13}{4} \div \frac{1}{2} = \frac{13}{4} \times \frac{2}{1} = \frac{26}{4} = \frac{13}{2} = 6\frac{1}{2}$$

$$9. \quad \frac{1}{5} \div \frac{8}{3} = \frac{1}{5} \times \frac{3}{8} = \frac{3}{40}$$

$$10. \quad \frac{3}{2} \times \frac{7}{9} = \frac{21}{18} = \frac{7}{6} = 1\frac{1}{6}$$