

# Multiplying and Dividing Various Fractions (J)

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

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

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

Calculate each result.

1.  $\frac{11}{3} \times 1\frac{1}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

4.  $\frac{1}{2} \times \frac{9}{4} = \text{---} = \text{---}$

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

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

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

8.  $\frac{11}{6} \div \frac{14}{5} = \text{---} \times \text{---} = \text{---}$

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

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

## Multiplying and Dividing Various Fractions (J) Answers

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

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

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

Calculate each result.

$$1. \frac{11}{3} \times 1\frac{1}{9} = \frac{11}{3} \times \frac{10}{9} = \frac{110}{27} = 4\frac{2}{27}$$

$$2. \frac{5}{3} \times \frac{8}{9} = \frac{5}{3} \times \frac{8}{9} = \frac{40}{27} = 1\frac{13}{27}$$

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

$$4. \frac{1}{2} \times \frac{9}{4} = \frac{9}{8} = 1\frac{1}{8}$$

$$5. 3\frac{3}{5} \div \frac{1}{3} = \frac{18}{5} \div \frac{1}{3} = \frac{18}{5} \times \frac{3}{1} = \frac{54}{5} = 10\frac{4}{5}$$

$$6. 3\frac{1}{2} \times \frac{7}{2} = \frac{7}{2} \times \frac{7}{2} = \frac{49}{4} = 12\frac{1}{4}$$

$$7. \frac{10}{3} \div 3\frac{2}{5} = \frac{10}{3} \div \frac{17}{5} = \frac{10}{3} \times \frac{5}{17} = \frac{50}{51}$$

$$8. \frac{11}{6} \div \frac{14}{5} = \frac{11}{6} \times \frac{5}{14} = \frac{55}{84}$$

$$9. \frac{4}{5} \div 1\frac{1}{2} = \frac{4}{5} \div \frac{3}{2} = \frac{4}{5} \times \frac{2}{3} = \frac{8}{15}$$

$$10. 1\frac{2}{5} \div 2\frac{1}{2} = \frac{7}{5} \div \frac{5}{2} = \frac{7}{5} \times \frac{2}{5} = \frac{14}{25}$$