

## Multiplying and Dividing Various Fractions (E)

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

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

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

Calculate each result.

1.  $\frac{23}{8} \times 2\frac{1}{2} =$

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

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

4.  $\frac{8}{3} \times \frac{4}{3} =$

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

6.  $\frac{6}{5} \div \frac{11}{6} =$

7.  $\frac{13}{5} \div \frac{29}{8} =$

8.  $3\frac{1}{3} \div 3\frac{1}{2} =$

9.  $\frac{8}{3} \div \frac{5}{2} =$

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

## Multiplying and Dividing Various Fractions (E) Answers

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

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

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

Calculate each result.

$$1. \frac{23}{8} \times 2\frac{1}{2} = \frac{23}{8} \times \frac{5}{2} = \frac{115}{16} = 7\frac{3}{16}$$

$$2. 1\frac{2}{3} \times 3\frac{1}{2} = \frac{5}{3} \times \frac{7}{2} = \frac{35}{6} = 5\frac{5}{6}$$

$$3. 2\frac{4}{5} \times 1\frac{4}{9} = \frac{14}{5} \times \frac{13}{9} = \frac{182}{45} = 4\frac{2}{45}$$

$$4. \frac{8}{3} \times \frac{4}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$5. 3\frac{2}{9} \times 3\frac{8}{9} = \frac{29}{9} \times \frac{35}{9} = \frac{1015}{81} = 12\frac{43}{81}$$

$$6. \frac{6}{5} \div \frac{11}{6} = \frac{6}{5} \times \frac{6}{11} = \frac{36}{55}$$

$$7. \frac{13}{5} \div \frac{29}{8} = \frac{13}{5} \times \frac{8}{29} = \frac{104}{145}$$

$$8. 3\frac{1}{3} \div 3\frac{1}{2} = \frac{10}{3} \div \frac{7}{2} = \frac{10}{3} \times \frac{2}{7} = \frac{20}{21}$$

$$9. \frac{8}{3} \div \frac{5}{2} = \frac{8}{3} \times \frac{2}{5} = \frac{16}{15} = 1\frac{1}{15}$$

$$10. \frac{2}{5} \div 2\frac{1}{2} = \frac{2}{5} \div \frac{5}{2} = \frac{2}{5} \times \frac{2}{5} = \frac{4}{25}$$