

## Multiplying and Dividing Various Fractions (H)

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

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

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

Calculate each result.

1.  $2\frac{2}{3} \div \frac{11}{8} =$

2.  $\frac{8}{3} \div \frac{7}{2} =$

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

4.  $\frac{5}{2} \div 2\frac{2}{5} =$

5.  $\frac{26}{7} \times 2\frac{5}{9} =$

6.  $\frac{21}{8} \times \frac{3}{2} =$

7.  $\frac{19}{5} \div \frac{10}{3} =$

8.  $\frac{7}{4} \times 3\frac{5}{6} =$

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

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

## Multiplying and Dividing Various Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad 2\frac{2}{3} \div \frac{11}{8} = \frac{8}{3} \div \frac{11}{8} = \frac{8}{3} \times \frac{8}{11} = \frac{64}{33} = 1\frac{31}{33}$$

$$2. \quad \frac{8}{3} \div \frac{7}{2} = \frac{8}{3} \times \frac{2}{7} = \frac{16}{21}$$

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

$$4. \quad \frac{5}{2} \div 2\frac{2}{5} = \frac{5}{2} \div \frac{12}{5} = \frac{5}{2} \times \frac{5}{12} = \frac{25}{24} = 1\frac{1}{24}$$

$$5. \quad \frac{26}{7} \times 2\frac{5}{9} = \frac{26}{7} \times \frac{23}{9} = \frac{598}{63} = 9\frac{31}{63}$$

$$6. \quad \frac{21}{8} \times \frac{3}{2} = \frac{63}{16} = 3\frac{15}{16}$$

$$7. \quad \frac{19}{5} \div \frac{10}{3} = \frac{19}{5} \times \frac{3}{10} = \frac{57}{50} = 1\frac{7}{50}$$

$$8. \quad \frac{7}{4} \times 3\frac{5}{6} = \frac{7}{4} \times \frac{23}{6} = \frac{161}{24} = 6\frac{17}{24}$$

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

$$10. \quad \frac{2}{3} \times 1\frac{3}{5} = \frac{2}{3} \times \frac{8}{5} = \frac{16}{15} = 1\frac{1}{15}$$