

# WRITING DECIMALS AS FRACTIONS

**REMEMBER:**

The denominator of the fraction will have as many zeros as there are decimal places in the original decimal number.

**EXAMPLES**

**.48** The last place to the right is hundredths.  
So **.48 = 48 hundredths.**

$$.48 = \frac{48}{100} = \frac{24}{50} = \frac{12}{25}$$

**.008** The last place to the right is thousandths.  
So **.008 = 8 thousandths.**

$$.008 = \frac{8}{1000} = \frac{1}{125}$$

Convert each decimal to a fraction in lowest terms.

1.  $.8 =$  \_\_\_\_\_

2.  $.4 =$  \_\_\_\_\_

3.  $.9 =$  \_\_\_\_\_

4.  $.25 =$  \_\_\_\_\_

5.  $.55 =$  \_\_\_\_\_

6.  $.48 =$  \_\_\_\_\_

7.  $.63 =$  \_\_\_\_\_

8.  $.97 =$  \_\_\_\_\_

9.  $.96 =$  \_\_\_\_\_

10.  $.88 =$  \_\_\_\_\_

11.  $.05 =$  \_\_\_\_\_

12.  $.36 =$  \_\_\_\_\_

13.  $.075 =$  \_\_\_\_\_

14.  $.600 =$  \_\_\_\_\_

15.  $.350 =$  \_\_\_\_\_

16.  $.009 =$  \_\_\_\_\_

17.  $.084 =$  \_\_\_\_\_

18.  $.305 =$  \_\_\_\_\_

19.  $3.5 =$  \_\_\_\_\_

20.  $6.8 =$  \_\_\_\_\_

21.  $4.90 =$  \_\_\_\_\_

22.  $1.56 =$  \_\_\_\_\_

23.  $3.005 =$  \_\_\_\_\_

24.  $9.250 =$  \_\_\_\_\_

25.  $.004 =$  \_\_\_\_\_

26.  $.38 =$  \_\_\_\_\_

27.  $2.7 =$  \_\_\_\_\_

28.  $6.20 =$  \_\_\_\_\_

29.  $4.06 =$  \_\_\_\_\_

30.  $.70 =$  \_\_\_\_\_

31. Forty-five cents is what fractional part of a dollar? \_\_\_\_\_

32. Six cents is what fractional part of a dollar? \_\_\_\_\_

# MULTIPLYING FRACTIONS

REMEMBER:

Multiply numerator by numerator and denominator by denominator.

EXAMPLES  $\frac{2}{5} \times \frac{1}{3} = \frac{2}{15}$

$\frac{1}{5}$  of  $\frac{3}{4} = \frac{3}{20}$

$\frac{1}{2} \times \frac{5}{7} \times \frac{1}{3} = \frac{5}{42}$

Multiply.

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

2.  $\frac{1}{5} \times \frac{1}{6} =$  \_\_\_\_\_

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

4.  $\frac{1}{2} \times \frac{5}{6} =$  \_\_\_\_\_

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

6.  $\frac{3}{10} \times \frac{3}{4} =$  \_\_\_\_\_

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

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

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

10.  $\frac{3}{4} \times \frac{1}{8} =$  \_\_\_\_\_

11.  $\frac{2}{5} \times \frac{4}{7} =$  \_\_\_\_\_

12.  $\frac{5}{6} \times \frac{1}{7} =$  \_\_\_\_\_

13.  $\frac{5}{7}$  of  $\frac{5}{8} =$  \_\_\_\_\_

14.  $\frac{1}{2}$  of  $\frac{1}{5} =$  \_\_\_\_\_

15.  $\frac{3}{10}$  of  $\frac{1}{5} =$  \_\_\_\_\_

16.  $\frac{7}{10}$  of  $\frac{11}{12} =$  \_\_\_\_\_

17.  $\frac{3}{5}$  of  $\frac{9}{10} =$  \_\_\_\_\_

18.  $\frac{2}{3}$  of  $\frac{8}{9} =$  \_\_\_\_\_

19.  $\frac{3}{4} \times \frac{1}{2} \times \frac{5}{8} =$  \_\_\_\_\_

20.  $\frac{2}{3} \times \frac{1}{5} \times \frac{4}{7} =$  \_\_\_\_\_

21.  $\frac{7}{8} \times \frac{5}{9} \times \frac{1}{4} =$  \_\_\_\_\_

22.  $\frac{2}{8} \times \frac{1}{3} \times \frac{11}{12} =$  \_\_\_\_\_

23.  $\frac{4}{5} \times \frac{8}{9} \times \frac{2}{3} =$  \_\_\_\_\_

24.  $\frac{4}{7} \times \frac{1}{3} \times \frac{5}{9} =$  \_\_\_\_\_

25.  $\frac{13}{17} \times \frac{5}{19} =$  \_\_\_\_\_

26.  $\frac{4}{15} \times \frac{16}{17} =$  \_\_\_\_\_

27.  $\frac{9}{17} \times \frac{3}{7} =$  \_\_\_\_\_

28. Marty walked halfway to school and rode the bus the rest of the way. It is  $\frac{7}{10}$  mile from home to school. How far did Marty walk?

29. It took Jose  $\frac{1}{3}$  hour to do his home work. Marie did hers in half the time. What fraction of an hour did she spend on it?

Answer: \_\_\_\_\_

Answer: \_\_\_\_\_