

# Significant figures: *Applying the rules in multiplication and division.*

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

Complete the following problems by using the correct number of significant figures in the answers.

1. # of sig fig's in 50: \_\_\_\_\_ # of sig fig's in 2: \_\_\_\_\_ # in answer: \_\_\_\_\_  
 $50/2 =$  \_\_\_\_\_
2. # of sig fig's in 50.000: \_\_\_\_\_ # of sig fig's in 2.0000: \_\_\_\_\_ # in answer: \_\_\_\_\_  
 $50.000/2.0000 =$  \_\_\_\_\_
3. # of sig fig's in 50.0: \_\_\_\_\_ # of sig fig's in 2: \_\_\_\_\_ # in answer: \_\_\_\_\_  
 $50.0/2 =$  \_\_\_\_\_
4.  $50 / 3 =$  \_\_\_\_\_
5.  $50.000/2.00000 =$  \_\_\_\_\_
6.  $50.0/3 =$  \_\_\_\_\_
7.  $3 / 2 =$  \_\_\_\_\_
8.  $3.000 / 2.000 =$  \_\_\_\_\_
9.  $3.00 / 2 =$  \_\_\_\_\_
10.  $2 / 3 =$  \_\_\_\_\_
11.  $2.0000 / 3.0000 =$  \_\_\_\_\_
12.  $2.0000 / 3 =$  \_\_\_\_\_

*Go to the website to check your answers!*