

Name \_\_\_\_\_

### Significant Figures – Problem Set 2

Identify the number of significant figures.

1) 0.753 \_\_\_\_\_

2) 10 \_\_\_\_\_

3) 52.410 \_\_\_\_\_

4) 2.3 \_\_\_\_\_

5) 0.1020 \_\_\_\_\_

6) 3.07062 \_\_\_\_\_

7) 25001 \_\_\_\_\_

8) 0.0062501 \_\_\_\_\_

9) 99 \_\_\_\_\_

10) 100.62 \_\_\_\_\_

First, find the answer and write it down. Second, write an approximate answer using the correct number of sig. figs. You **MUST** have two numbers written down.

11) 3716.  
+ 42.8  
+ 17.63

12) 10.5  
+ 34.22  
+ 22.895

13) 44.5  
- 37.0

14) 118.725  
- 112.37

15) 16.05 x 2.2

16) 20 x 15 x 10.1

17) 5.0 x 6.1 x 7.02

18) 9 / 11.1

19) 5.3 / 7.02

20) 40 / 77