

## A-1 PRACTICE ASSIGNMENT #2

### **SOLVING PROBLEMS INVOLVING ROUNDING**

How many significant digits do the following numbers have?

1. 9201.00 6

2. 314.00 5

3. 0.0900 3

4. 55.0 3

5. 0.70 2

6. 400 1

7. 75.010 5

8. 120 2

9. 0.0009 1

10. 4.8 2

11. Solve  $12.098 + 13.09$  25.19

12. Solve  $13.9 + 98.08$  112.0

13. Solve  $1.003 + 34.1$  35.1

14. Solve  $14.956 + 0.03$  14.99

15. Solve  $129 + 24.002$  153

16. Solve  $12.98 - 6.098$  6.88

17. Solve  $13.9 - 13.70$  0.2

18. Solve  $1.84 - 1.22$  0.62

19. Solve  $0.98 - 0.002$  0.98

20. Solve  $11.58 - 2$  10

21. Solve  $6.0 \times 121$  730

22. Solve  $209 \times 1780$  372,000

23. Solve  $391 \times 80$  \_\_\_\_ **30,000** \_\_\_\_
24. Solve  $2.75 \times 1.819$  \_\_\_\_ **5.00** \_\_\_\_
25. Solve  $0.0081 \times 12$  \_\_\_\_ **0.097** \_\_\_\_
26. Solve  $500 \div 13.8$  \_\_\_\_ **40** \_\_\_\_
27. Solve  $4.8 \div 700$  \_\_\_\_ **0.007** \_\_\_\_
28. Solve  $12.039 \div 34.9$  \_\_\_\_ **0.345** \_\_\_\_
29. Solve  $12.09 \div 12.8$  \_\_\_\_ **0.945** \_\_\_\_
30. Solve  $219.1 \div 11.0$  \_\_\_\_ **19.9** \_\_\_\_