

Name: _____ Date: _____

Significant Figures I

Re-write the numbers given as numbers with only 3 significant figures.

1. **283.455** _____

2. **.005555** _____

3. **2.325** _____

4. **988872.5** _____

5. **4005102** _____

6. **.040350** _____

7. **0.0008225001** _____

8. **987543210** _____

To the right of each number, write the number of significant digits contained in the number.

9. **80** _____ 14. **0.043** _____

10. **80.3** _____ 15. **0.570** _____

11. **80.00** _____ 16. **2.30** _____

12. **1000** _____ 17. **1000.0** _____

13. **2300** _____ 18. **70.** _____

Write the raw result in the first blank. In the second blank, rewrite the number with the correct number of significant figures.

19. **$2.5 + 16 \times (30 - 25)$** = _____ = _____

20. **$16.5 \times 20.1 - 175.3$** = _____ = _____

21. **$1.5 + 20.5 \times 3.5$** = _____ = _____

22. **$8.5 + 2 \times 6 + 4 / 2$** = _____ = _____