**Scientific Notation and Significant Figures**

Put each of the following into correct Scientific Notation.

1. 3427 4. 0.00456

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2. 3100.0 x 102 6. 0.0114 x 104

Convert the following to Decimal Form

7. 1.56 x 104 9. 0.56 x 10-2

8. 0.00259 x 105 10. 736.9 x 105

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Tell how many Significant Figures are in each of the following.

11. 23.8 14. 0.5020

12. 310 15. 3.03 x 104

13. 0.00230 16. 2100.0

Calculate the following and make sure your answer has the correct number of Significant Figures.

17. 23.1 + 4.900 + 17.34 = \_\_\_\_\_\_\_\_\_\_\_\_\_ 18. 9.80 – 4.762 = \_\_\_\_\_\_\_\_\_\_\_\_\_

19. (3.9 x 103) x (6.05 x 102) x 420 = \_\_\_\_\_\_\_\_\_\_\_\_ 20. 14.1 / 5 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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