Significant Figures Worksheet.   Name:_____

You may use your calculator to solve each of the following. Don't round until the end (final answer).
Addition/subtraction rules when working with measurements: PLACES: The final answer is dictated by
the final SIGNIFICANT PLACE of the number that is least significant to the right.

1. 1243.36
   +   12.5
	2. 43.75
	        81.234
	       +17.01
		3. 176.45
		    + 13.2222
			4. 500
			    + 23
				5. 5_00
				    + 23

6. 50_0
    +23
	7. 500.0
	      -23
		8. 0.00566
		    -0.0055
			9. 0.4321
			    -0.0015
				10. 95.63
				     99.75
				    +93.21

11. 14.023
     12
 + 300
	12. 1400.0
	    + 233
		13. 457.23
		     -438
			14. 0.156
			      9.23
			    + 2.1
				15. 98.3
				    + 2.156

Multiplication/Division rules: The final answer only has the number of
SIGNIFICANT DIGITS as the measurement with the LEAST NUMBER of significant
digits.

16. 23.4 x 18 x 14.25=	17. 0.053 x 2.88 x 1.44=	18. 56.55/13 =	19. 0.00500 x 14.4 =
20. $\dfrac{(14.2+\ 12)}{2.53}=$	21. $\dfrac{(94.2+\ 12)}{2.53}=$	22. $\dfrac{(94.21-\ 92)}{2.53}=$	23. $\dfrac{(94.2+\ 0.035)}{2.53}=$
24. 0.0535 x 8.1 x 0.05 =	25. $\dfrac{(94.2+\ 2+3.25)}{(2.53\ x\ 3.255)}=$		

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