Name   Grade 6   Ch. 1 Test

Date

Definitions

1.   Commutative Property – Addition

2.   Distributive Property

3.   Exponent

4.   Arithmetic Sequence

5.   Write the Order of Operations

6.   In the number 2^3, the 2 is called the _____.

7.   What condition determines whether or not you round a number up?

8.   Write 1,207 in word form.

9.   Write 579 in expanded notation.

10. Write out in words; 6^2

11. Use "<" or ">". 2,374 _____ 2,314

12. List the numbers from greatest to least. 5077, 5237, 5197

13. Round the following numbers to the nearest
    a. hundred 5,371

    b. thousand 7,194

14. Write in exponential form; 6 x 6 x 6 x 6 x 6

15. Evaluate 3^4 in standard form.

16. Explain or describe the pattern that would allow you to find the value of an exponential in standard form with a base of 10? Ex. 10^7

17. Evaluate 4 + 2 x 5

18. $5 + 24 \div 4 \times 3 - 2$

19. $8 \div (1 + 3) \times 5^2 - 2$

20.   Which properties allow you to compute 4 x 13 x 25 mentally.

21.   Show how you would use the Distributive Property to multiply 12 x 25 mentally.

22.   The high temperature in Las Vegas was 98˚ yesterday and in San Diego was 71˚, what was the difference in temperatures between the two cities?

23.   Identify a pattern and name the missing term.
        1, 7, 13, 19, ____

24.   Identify a pattern and name the missing terms
        1, 6, 5, 10, 9, 14, 13, ____, ____

25.   Estimate how long it would take to drive to San Diego from Las Vegas traveling at a rate of 64 mph if the two cities are 331 miles apart?