Willard Middle School

PRETEST – Power Standards 8:1 & 8:2

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_

1. Which of the following is listed from least to greatest?
2. -1, -2, -3.25, 0.6, 2.375, 200%
3. 0.6, 2.375, 200%, -1, -2, -3.25
4. -3.25, -2, -1, 0.6, 2.375, 200%
5. -3.25, -2, -1, 0.6, 200%, 2.375
6. ·?=
7.
8.

d.

1. Which of the following is an example of the identity property for addition?
2. 4+0=4
3. 4+0=0+4
4. 1∙4=4
5. 3+(-3)=0
6. Use order of operations to answer correctly 3+4(5+6)÷2
7. 38.5
8. 20.5
9. 23.5
10. 25
11. 3+?=0
12. 0
13.
14. -3
15. 1
16. Sam scored 89% on his first test. Will a score of 17 out of 20 help or hurt his grade? Explain your answer.
17. 4⁵=
18. 20
19. 1024
20. 45
21. Write the following in scientific notation:

230000=

1. 23·10000
2. 2.3·10⁵
3. 23·10⁵
4. 0.23·10⁶
5. Choose a number that can be written as the product of the same factor. Then write it as a base with an exponent.

(Ex: 16=2∙2∙2∙2=2⁴)

1. Choose a number greater than 10,000. Write it in standard form and in scientific notation.