**Willard Middle School – Mathematics**

**SUMMATIVE TEST – Power Standard 7:6**

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

1. =­­­­­­\_\_\_\_\_\_
2. 0.44
3. 0.49
4. 0.
5. 0.
6. =\_\_\_\_\_
7. 85%
8. .85%
9. 8.5%
10. 850%
11. 0.8479=\_\_\_\_\_\_\_
12. 84.79%
13. 8.479%
14. 0.08479%
15. 0.008479%
16. 0.56=\_\_\_\_\_\_\_
17. 0.5%=\_\_\_\_\_\_\_\_
18. 50.0
19. 5.0
20. 0.05
21. 0.005
22. 2%=\_\_\_\_\_\_
23. Write using exponents:

2 · 2 · 2 · 2 · 2 · 2 · 2 · 2=­­\_\_\_\_\_\_

1. Write as the product of the same factor:

53=\_\_\_\_\_\_\_

1. Evaluate:

124=\_\_\_\_\_\_\_

1. Find the correct prime factorization for 126
2. Find the greatest common factor for 60, 72, and 36
3. At a bakery, chocolate chip cookies are sold in packages of 16 and sugar cookies in packages of 12. If Sean wants the same number of each cookie, what is the minimum amount of packages of each type that he needs to purchase?