Willard Middle School – Mathematics

FORMATIVE TEST – Power Standard 7:6

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

1. =\_\_\_\_\_\_
2. 0.583 ̅
3. 0.7
4. 0.5
5. 0.583
6. =\_\_\_\_\_\_
7. 400%
8. 4.0%
9. 40%
10. .40%
11. 5.3=\_\_\_\_\_\_\_
12. 0.053%
13. 0.53%
14. 53%
15. 530%
16. 0.500=\_\_\_\_\_\_\_
17. 120.5%=\_\_\_\_\_\_
18. 120.5
19. 12.05
20. 1.205
21. 0.1205
22. 22.5%=\_\_\_\_\_\_
23. Write using exponents:

5 · 5 · 5 =­\_\_\_\_\_\_\_\_

1. Write as the product of the same factor:

67=\_\_\_\_\_\_\_\_\_\_\_

1. Evaluate:

38=\_\_\_\_\_\_\_

1. Find the correct prime factorization of 130.
2. Find the GCF of 16x2y and 24x3y2.
3. Megan is throwing a birthday party for her brother. She goes to the store and finds that forks come in packages of 30, spoons in packages of 20 and cups in packages of 15. What is the minimum amount of each she needs to purchase if she wants to have the same number of forks, spoons, and cups?