

Number Theory Worksheet 1

Name _____

Date _____

1. What is 2^5 ? _____

2. What is 2×5 ? _____

3. Is 2^5 the same as 2×5 ? Explain why or why not using full sentences.

4. What is three raised to the sixth power? _____

5. What is six cubed? _____

6. What is seven squared? _____

7. What is four cubed? _____

8. What is fifteen squared? _____

9. What is six raised to the fourth power? _____

10. If $3^x = 81$, then what is the value of x ? _____

11. If $5^y = 625$, then what is the value of y ? _____

12. What number raised to the fifth power equals 243? _____

13. What number cubed equals 64? _____

14. What number raised to the fifth power equals 3,125? _____