**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Test Review**

**Exponents, Order of Operations, Variables & Expressions**

**Write the following in expanded form. Write the following in exponential form.**

1. 47 4. 6 x 6 x 6 x 6 x 6 x 6

2. 05 5. Three cubed

3. 23  94 6. 5 x 5 x 5 x 9 x 9 x 9 x 9 x 9

**Evaluate.**

7. Seven squared 8. 450 9. 25

**Find the value of the following expressions. All work must be shown!**

10. 5 + 4  62  6 11. 3 + 8(15 – 8) 23

12. (2 + 4)2 9 – 4  1 13. 27 – 4(10 5)2

**Evaluate each expression if *a* = 4, *b* = 2, and *c* = 7.**

14. 5*b*3  15. 20 – *bc* 16. 

17.  18. *abc*

1. **Complete the table.**

|  |  |
| --- | --- |
| **Feet (*f)*** | **Inches (12*f*)** |
| 1 | 12 |
| 2 | 24 |
| 3 |  |
| 4 |  |
| 5 |  |

**Evaluate.**

20. $\frac{4+2 ∙ 3}{15 ÷3-3}$ =

21. $\frac{16 ÷2-2}{7-5 }$ =

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