

Practice - Order of Operations

Name \_\_\_\_\_

**Write using exponential notation.**

1)  $7 \cdot 7 \cdot 9 \cdot 9 \cdot 9 \cdot 9 \cdot 2$

11)  $(7 + 4)[3 + (8 + 4)]$

**Evaluate.**

2)  $8^3$

12)  $\frac{54(12 - 9) - 24}{3^2 - 3}$

3)  $17^0$

13)  $[\sqrt{4} \div (7 - 5) + 7^2] - (\sqrt{25} + \sqrt{1})^2$

4)  $7 \cdot 3^3$

**Find the square root.**

5)  $\sqrt{121}$

**Simplify.**

6)  $240 \div 6 - 4$

7)  $9^2 - 2 \cdot 4$

8)  $0 \div 9 + 5 \cdot 8$

9)  $48 \div 0 + 12$

10)  $[31 - (4 + 6) \div 2] - [1 + 18 \div 3]$

## Answer Key

Testname: M050\_1.9

- 1)  $7^2 \cdot 9^4 \cdot 2$   
ID: DEVMAT3M 1.9.1-8+
- 2) 512  
ID: DEVMAT3M 1.9.2-2+
- 3) 1  
ID: DEVMAT3M 1.9.2-6+
- 4) 189  
ID: DEVMAT3M 1.9.2-7+
- 5) 11  
ID: DEVMAT3M 1.9.3-2+
- 6) 36  
ID: DEVMAT3M 1.9.4-1+
- 7) 73  
ID: DEVMAT3M 1.9.4-4+
- 8) 40  
ID: DEVMAT3M 1.9.4-6+
- 9) Undefined  
ID: DEVMAT3M 1.9.4-7+
- 10) 19  
ID: DEVMAT3M 1.9.4-10+
- 11) 165  
ID: DEVMAT3M 1.9.4-14+
- 12) 23  
ID: DEVMAT3M 1.9.4-19+
- 13) 14  
ID: DEVMAT3M 1.9.4-22