

Nome: \_\_\_\_\_ Num.: \_\_\_\_\_ Turma: \_\_\_\_\_

### 7.3.10b Potenciação em Z - Expoente Zero e Um

1. Calcule as potências:

a)  $(+12)^1 =$  \_\_\_\_\_  
b)  $(-4)^1 =$  \_\_\_\_\_  
c)  $(+13)^0 =$  \_\_\_\_\_  
d)  $(-9)^0 =$  \_\_\_\_\_  
e)  $(-8)^1 =$  \_\_\_\_\_  
f)  $(+5)^0 =$  \_\_\_\_\_

g)  $(0)^5 =$  \_\_\_\_\_  
h)  $(-1)^0 =$  \_\_\_\_\_  
i)  $(-1)^{222} =$  \_\_\_\_\_  
j)  $(-1)^1 =$  \_\_\_\_\_  
k)  $(-1)^{333} =$  \_\_\_\_\_  
l)  $-1000^1 =$  \_\_\_\_\_

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2. Calcule as potências:

a)  $(-3)^2 =$  \_\_\_\_\_  
b)  $-3^2 =$  \_\_\_\_\_  
c)  $(0)^{20} =$  \_\_\_\_\_  
d)  $+5^2 =$  \_\_\_\_\_  
e)  $(-4)^2 =$  \_\_\_\_\_  
f)  $-4^2 =$  \_\_\_\_\_

g)  $(-1)^{30} =$  \_\_\_\_\_  
h)  $-1^{31} =$  \_\_\_\_\_  
i)  $(+4)^2 =$  \_\_\_\_\_  
j)  $+4^2 =$  \_\_\_\_\_  
k)  $(-6)^3 =$  \_\_\_\_\_  
l)  $+6^3 =$  \_\_\_\_\_

3. Calcule o valor das expressões (primeiro as potências):

a)  $+2^5 - 2^4 =$  \_\_\_\_\_  
b)  $0^4 - 2^2 - 2^0 =$  \_\_\_\_\_  
c)  $-3^2 + 1^1 - 65^0 =$  \_\_\_\_\_  
d)  $+4^2 - 5^1 + 7^2 =$  \_\_\_\_\_  
e)  $+10^1 - 7^2 + 2^3 =$  \_\_\_\_\_  
f)  $+3^4 - 3^3 + 3^2 =$  \_\_\_\_\_

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