

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

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

1. Calcule as potências:

- a)  $(+6)^1 =$  \_\_\_\_\_
- b)  $(-2)^1 =$  \_\_\_\_\_
- c)  $(+10)^1 =$  \_\_\_\_\_
- d)  $(-4)^0 =$  \_\_\_\_\_
- e)  $(+7)^0 =$  \_\_\_\_\_
- f)  $(0)^{500} =$  \_\_\_\_\_

- g)  $(-1)^0 =$  \_\_\_\_\_
- h)  $(+1)^0 =$  \_\_\_\_\_
- i)  $(-1)^{423} =$  \_\_\_\_\_
- j)  $(-50)^1 =$  \_\_\_\_\_
- k)  $(-100)^0 =$  \_\_\_\_\_
- l)  $+20000^0 =$  \_\_\_\_\_

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2. Calcule as potências:

- a)  $(-2)^2 =$  \_\_\_\_\_
- b)  $-5^2 =$  \_\_\_\_\_
- c)  $(-7)^2 =$  \_\_\_\_\_
- d)  $-7^2 =$  \_\_\_\_\_
- e)  $(-1)^4 =$  \_\_\_\_\_
- f)  $-1^4 =$  \_\_\_\_\_

- g)  $(-2)^4 =$  \_\_\_\_\_
- h)  $-2^4 =$  \_\_\_\_\_
- i)  $(0)^{102} =$  \_\_\_\_\_
- j)  $-9^2 =$  \_\_\_\_\_
- k)  $(-10)^3 =$  \_\_\_\_\_
- l)  $-10^3 =$  \_\_\_\_\_

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

- a)  $+35^1 + 5^2 =$  \_\_\_\_\_
- b)  $0^3 + 51^1 =$  \_\_\_\_\_
- c)  $-18^0 + 1^2 =$  \_\_\_\_\_
- d)  $-6^2 + 20^1 =$  \_\_\_\_\_
- e)  $-12^1 - 1^7 =$  \_\_\_\_\_
- f)  $-2^3 + 40^0 =$  \_\_\_\_\_

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