

Aluno(a) ● ● ●

Disciplina

Matemática

Professor(a)

Rachel Lucena

Ano

7º

Turma

Data

26/05

Lista nº 16 – Gabarito

1. a) 196.

b) $+\frac{49}{16}$.

c) $+0,343$.

d) $+1331$.

e) $+\frac{1}{81}$.

2. a) $+\frac{9}{4}$.

b) $+2,89$.

c) $+1$.

d) $+\frac{25}{16}$.

e) $-0,064$.

f) $-100\,000$.

g) $-\frac{1}{27}$.

3. $\left(-\frac{1}{4}\right)^2 = +\frac{1}{16}$.

$\left(-\frac{1}{2}\right)^4 = +\frac{1}{16}$.

As potências são iguais. $\left(-\frac{1}{4}\right)^2 = \left(-\frac{1}{2}\right)^4$

4. a) $x = 0$.

b) $x = -\frac{2}{5}$.

c) $x = 1$.

5. a) $\left(-\frac{1}{2}\right)^3 + \left(-\frac{1}{3}\right)^2 =$

$\left(-\frac{1}{8}\right) + \left(+\frac{1}{9}\right) =$

$-\frac{1}{8} + \frac{1}{9} =$

$-\frac{9}{72} + \frac{8}{72} =$

$-\frac{1}{72}$.

b) 6. $\left(-\frac{1}{3}\right)^2 - 4 \cdot \left(-\frac{1}{2}\right)^3 =$

6. $\left(+\frac{1}{9}\right) - 4 \cdot \left(-\frac{1}{8}\right) =$

$+\frac{2}{9} + \frac{1}{2} =$

$+\frac{4}{18} + \frac{9}{18} =$

$+\frac{13}{18}$.

6. b) $(-2,3)(-2,3)(-2,3)$

7. a) (V); b) (V); c) (F); d) (V)