

19/09/21

ALUNO: ANTONIEL LEMOS

EXERCÍCIOS DE AULA - MATI - 1

DE 01 A 06 CALCULAR:

01. $\sqrt{25} = 5$

02. $-\sqrt{25} = -5$

03. $\pm\sqrt{25} = \pm 5$

04. $\sqrt[3]{64} = \sqrt[3]{2^6} = 2^{\frac{6}{3}} = 2^2 = 4$ $4^3 = 64$

05. $\sqrt[3]{-64} = -4$ $(-4)^3 = -64$

06. $-\sqrt[3]{-64} = -(-4) = 4$

07. MOSTRE QUE $\sqrt{9+16} \neq \sqrt{9} + \sqrt{16}$

$$\frac{\sqrt{25}}{5} \neq \frac{3+4}{7}$$

08. CALCULAR:

$$\begin{aligned} &\sqrt{2+\sqrt{2+\sqrt{2+\sqrt{4}}}} \\ &\sqrt{2+\sqrt{2+\sqrt{2+2}}} \\ &\sqrt{2+\sqrt{2+2}} \\ &\sqrt{2+2} \\ &\sqrt{4} = 2 \end{aligned}$$

09. O NÚMERO $\sqrt{2.352}$ DE A: CORRESPONDE

2.352	2	$\sqrt{2.352}$
1176	2	$\sqrt{2 \cdot 2 \cdot 2 \cdot 3 \cdot 7^2}$
588	2	$2 \cdot 2 \cdot 7 \sqrt{3}$
294	2	$28 \sqrt{3}$
147	3	
49	7	
7	7	
1		

(C)