

CURSO
MATEMÁTICA
BÁSICA
PRA PASSAR

AULA 12

RADICIAÇÃO



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“Olá Mestres da matemática, boa tarde! Venho por meio desta, agradecer a todos que fazem o MPP, porque graças aos aulões que sempre acompanho e as dicas dos professores MARCÃO e RENATO, consegui gabaritar a prova do TRT SP. Sou grato a todos. ABRAÇÃO!”

ELIAS MONTEIRO



MATEMÁTICA PRA PASSAR

PROF. RENATO OLIVEIRA

PROF. RENATO OLIVEIRA





MATEMÁTICA PRA PASSAR

MARCAOMPP

MARCAO



RADICIAÇÃO ($\sqrt{\quad}$)

É uma potenciação com expoente fracionário .

ELEMENTOS DE UMA RADICAL

$$\sqrt[n]{a} = x$$

PROPRIEDADES

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COMPARAÇÃO DE RADICAIS COM ÍNDICES DIFERENTES

DETERMINAÇÃO DA RAIZ DE UM NÚMERO

A) $\sqrt{12}$

B) $\sqrt{24}$

C) $\sqrt[3]{72}$

CASOS ESPECIAIS

□ ÍNDICE DA RAIZ (PAR OU ÍMPAR)

□ RAIZ QUADRADA

□ $\sqrt{a^2} = |a|$



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A expressão $\sqrt{18} + \sqrt{50}$ é equivalente a:

(a) $2\sqrt{17}$

(b) $34\sqrt{2}$

(c) $8\sqrt{2}$

(d) $5\sqrt{3}$

(e) $2\sqrt{2}$

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Sendo $A = \sqrt{14}$, $B = \sqrt{7}$ e $C = \sqrt{2}$, o valor da expressão numérica $A \cdot B / C$ é igual a

a) $\sqrt{98/2}$

b) $\sqrt{7/2}$

c) 7

d) $2\sqrt{2}$

e) 24,5



“Um ladrão rouba um tesouro,
mas não furta a inteligência.
Estude!”



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