Lista de Exercícios: EXPRESSÕES NUMÉRICAS

I. Calcule o valor das expressões:

a. $3^2 + \left(\dfrac{1}{2}\right)^2$

d. $\left(\dfrac{7}{2}\right)^2 - 1$

g. $\sqrt{\dfrac{9}{16}}$

b. $5^2 - \left(\dfrac{2}{3}\right)^2$

e. $\left(\dfrac{8}{17}\right)^0 + \left(\dfrac{1}{5}\right)^2$

h. $\sqrt{\dfrac{25}{81}}$

c. $\dfrac{2}{5} + \left(\dfrac{1}{3}\right)^2$

f. $\left(\dfrac{3}{2}\right)^2 + \left(\dfrac{1}{2}\right)^3$

i. $\sqrt{\dfrac{1}{100}}$

II. Calcule o valor das expressões:

a. $7 \times \dfrac{1}{2} + \left(\dfrac{4}{5}\right)^2$

d. $\left(\dfrac{1}{3}\right)^2 \times \dfrac{5}{2} + \dfrac{1}{2}$

b. $\left(\dfrac{1}{3}\right) + \dfrac{2}{5} \times \dfrac{1}{2}$

e. $\dfrac{2}{5} \times \dfrac{1}{2} + \left(\dfrac{3}{5}\right)^2$

c. $\left(\dfrac{1}{2}\right)^2 \div \dfrac{3}{4} + \dfrac{5}{3}$

f. $\left(\dfrac{2}{3}\right)^2 + 4 + \dfrac{1}{3} - \dfrac{1}{2}$

III. Resolva as expressões numéricas:

a. $\left[\left(\dfrac{3}{2}\right)^{-2} + \sqrt{\dfrac{16}{9}} - \sqrt{\dfrac{1}{27}}\right].(-3)^2$

b. $\left[\left(\dfrac{3}{2}\right)^{-2} + \sqrt{\dfrac{16}{9}} - \sqrt[3]{\dfrac{1}{27}}\right].(-3)^2$

IV. Resolva usando a calculadora:

a. $(51,7 + 8,36) - (16,125 + 7,88)$

b. $(1,2 + 4,8) \div 0,24$

c. $(2 \times 1,1 + 3,83) \div 0,9$

d. $(1,2^2 + 2,2^2) \div 15,7$

e. $0,25 \times (1 + 0,6)^2$

f. $(0,06)^2 \times 10^2 + 2,4$

g. $\dfrac{\dfrac{1}{2} + 5,5}{\sqrt{9}}$

Bons estudos!
Equipe FicouMaisFacil.

Inscreva-se no canal para assistir as correções dos exercícios: **_Youtube: Ficou mais facil_**