Teste sua habilidade de fazer operações com uma calculadora científica. Para isso, faça as operações abaixo e confira o resultado.

(a) $15.000(1+0,0775)^{8} = 27253,95219$

(b) $\dfrac{1}{\dfrac{1}{560}+\dfrac{1}{390}+\dfrac{1}{670}} = 171,1638788$

(c) $\dfrac{35570}{\left(1+\dfrac{0,063}{4}\right)^{(4\times 13)}} = 15782,24036$

(d) $3500\times\dfrac{(1+0,0725)^{9}-1}{0,0725} = 42361,1845$

(e) $\dfrac{\pi\times 435\times 3,5\left(1,25^{4}-0,8^{4}\right)}{2} = 4859,140652$

(f) $2,5\left[\dfrac{1350}{0,15\times(1,7)^{2}}\right]^{1/3} = 36,50801589$

(g) $\dfrac{2\times 28500}{\dfrac{7}{8}\times\dfrac{1}{3}\times 2,5\times(8,5)^{2}} = 1081,957489$

(h) $\dfrac{16}{\pi(1,3)^{3}}\left(875+\sqrt{875^{2}+1500^{2}}\right) = 6053,95673$

(i) $0,08047+0,7411\times\log\dfrac{\sqrt[3]{56\times 96\times 56}}{0,3} = 1,8213839394$

(j) $18\left(1-e^{\frac{-250\times 10^{-3}}{3300\times 47\times 10^{-6}}}\right) = 14,40872087$

(k) $\pi\dfrac{2,25^{2}}{4}5,5\left(1+0,07-0,07\times 9,5^{\frac{1}{1,8}}\right) = 18,0524019$

(l) $\left(2,8\times 10^{-6}\times\dfrac{145}{2,5}\right)\left(\dfrac{3000^{2}}{4005}\right)+\left(8,9\times 10^{-5}\dfrac{3000^{2}}{4005}\right) = 0,5649438202$

(m) $\dfrac{1}{54}\left[153900\times\dfrac{19}{2}+137700\left(\dfrac{19}{2}+17\right)+137700\left(\dfrac{19}{2}+17+17\right)\right] = 205575$

(n) $$\frac{3\times 13500}{2\pi(2,5)^2}\left[1+\left(\frac{3,5}{2,5}\right)^2\right]^{5/2}=15546,20589$$

(o) $$\frac{\ln\frac{200}{14,7}}{\frac{3\times 1,27}{1,27-1}\left[\left(\frac{200}{14,7}\right)^{\frac{1,27-1}{3\times 1,27}}-1\right]}=0,9103533068$$