

NOME.....GRUPO.....DATA.....

Potencias e radicais

1) $\left(\frac{4}{5}\right)^2 =$

$\left(\frac{2}{3}\right)^{-4} =$

$\left(\frac{2}{3}\right) \left(\frac{2}{3}\right) \left(\frac{2}{3}\right)^2 =$

$\left(\left(\frac{2}{3}\right)^2\right)^3 =$

$3^{-1} =$

$\left(\frac{1}{2}\right)^{-3} =$

2) $\left(\frac{1}{2}\right)^{\frac{15}{2}} =$

$\sqrt[4]{\frac{16}{625}} =$

$\left(\frac{1}{2}\right)^4 \left(\frac{1}{2}\right)^{\frac{1}{2}} \frac{1}{2^3} =$

$\left(\frac{3}{7} \cdot \left(\frac{3}{7}\right)^{-1}\right)^{20} =$

$\sqrt[3]{\sqrt{x^7}} =$

$\sqrt[3]{4} \cdot \sqrt{2} =$

$\sqrt{6} \cdot \sqrt{8x} =$

$2 \cdot \sqrt{12x} =$

$\sqrt[4]{\sqrt[3]{\sqrt{x}}} =$

3)Racionaliza

$\frac{2}{\sqrt[5]{2}} =$

$\frac{6}{\sqrt{2}} =$

$\frac{2}{1-\sqrt{2}} =$

$\frac{-2}{\sqrt[3]{2}} =$

$\frac{\sqrt{3}}{\sqrt{2}-\sqrt{3}} =$

$\frac{\sqrt{5}}{3 \cdot \sqrt[4]{5^3}} =$

