

Nome: \_\_\_\_\_ nº: \_\_\_\_\_ T. \_\_\_\_\_ Data: \_\_\_\_\_

6.3.19a Potenciação e Radiciação

1. Efetue as operações:

a)  $\frac{\sqrt{36}}{5^2} =$

e)  $\frac{1^3}{\sqrt{49}} =$

i)  $\frac{\sqrt{100}}{5^2} =$

b)  $\frac{6^2}{\sqrt{25}} =$

f)  $\frac{\sqrt{64}}{3^2} =$

j)  $\frac{\sqrt{121}}{\sqrt{144}} =$

c)  $\frac{\sqrt{36}}{\sqrt{25}} =$

g)  $\frac{10^2}{9^2} =$

k)  $\frac{4^2}{\sqrt{49}} =$

d)  $\frac{3^2}{4^2} =$

h)  $\frac{\sqrt{1}}{\sqrt{4}} =$

l)  $\frac{7^2}{8^2} =$

2. Calcule o valor das expressões:

a)  $\sqrt{\frac{36}{4}} - \sqrt{\frac{25}{16}} =$

b)  $\left[\frac{5}{3}\right]^2 + \left[\frac{6}{3}\right]^2 =$

c)  $\sqrt{\frac{400}{25}} + \left[\frac{10}{5}\right]^2 =$

d)  $\left[\frac{3}{4}\right]^2 - \sqrt{\frac{16}{64}} =$

e)  $\sqrt{\frac{100}{4}} + \sqrt{\frac{81}{36}} =$

f)  $\left[\frac{5}{3}\right]^2 - \left[\frac{1}{6}\right]^2 =$