

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

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