

**Lista de exercícios – Potenciação e Radiciação de Frações**

1) Calcule as potências:

a) $(\frac{2}{3})^2 =$

j) $(\frac{1}{2})^2 =$

b) $(\frac{4}{7})^2 =$

k) $(\frac{2}{3})^4 =$

c) $(\frac{7}{5})^2 =$

l) $(\frac{2}{5})^1 =$

d) $(\frac{1}{3})^2 =$

m) $(\frac{3}{11})^2 =$

e) $(\frac{5}{3})^2 =$

n) $(\frac{9}{4})^0 =$

f) $(\frac{7}{30})^0 =$

o) $(\frac{12}{13})^2 =$

g) $(\frac{9}{5})^1 =$

p) $(\frac{1}{2})^5 =$

h) $(\frac{2}{3})^3 =$

q) $(\frac{3}{7})^3 =$

i) $(\frac{1}{5})^3 =$

2) Calcule a raiz quadrada:

a) $\sqrt{\frac{9}{16}} =$

e) $\sqrt{\frac{64}{25}} =$

b) $\sqrt{\frac{1}{25}} =$

f) $\sqrt{\frac{81}{16}} =$

c) $\sqrt{\frac{9}{25}} =$

g) $\sqrt{\frac{9}{36}} =$

d) $\sqrt{\frac{16}{49}} =$

h) $\sqrt{\frac{49}{144}} =$