

# Potenciação – Ficha de exercício

1 – Transforme as multiplicações em forma de potenciação:

a)  $4 \times 4 \times 4 \times 4 \times 4 \times 4 = \underline{\hspace{2cm}}$

f)  $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 = \underline{\hspace{2cm}}$

b)  $5 \times 5 \times 5 = \underline{\hspace{2cm}}$

g)  $3 \times 3 \times 3 = \underline{\hspace{2cm}}$

c)  $8 \times 8 \times 8 \times 8 = \underline{\hspace{2cm}}$

h)  $9 \times 9 \times 9 \times 9 \times 9 = \underline{\hspace{2cm}}$

d)  $1 \times 1 = \underline{\hspace{2cm}}$

i)  $7 = \underline{\hspace{2cm}}$

e)  $10 \times 10 \times 10 \times 10 \times 10 \times 10 = \underline{\hspace{2cm}}$

j)  $b \times b \times b = \underline{\hspace{2cm}}$

2 – Escreva as potências abaixo na forma de multiplicação:

a)  $2^2 = \underline{\hspace{2cm}}$

f)  $5^4 = \underline{\hspace{2cm}}$

b)  $8^2 = \underline{\hspace{2cm}}$

g)  $4^3 = \underline{\hspace{2cm}}$

c)  $10^2 = \underline{\hspace{2cm}}$

h)  $2^5 = \underline{\hspace{2cm}}$

d)  $2^3 = \underline{\hspace{2cm}}$

i)  $2^6 = \underline{\hspace{2cm}}$

e)  $3^2 = \underline{\hspace{2cm}}$

j)  $3^5 = \underline{\hspace{2cm}}$

3 – Resolva as potenciações abaixo:

a)  $6^2 =$  \_\_\_\_\_ = \_\_\_\_\_

b)  $10^5 =$  \_\_\_\_\_ = \_\_\_\_\_

c)  $7^3 =$  \_\_\_\_\_ = \_\_\_\_\_

d)  $6^3 =$  \_\_\_\_\_ = \_\_\_\_\_

e)  $10^4 =$  \_\_\_\_\_ = \_\_\_\_\_

f)  $11^2 =$  \_\_\_\_\_ = \_\_\_\_\_

g)  $10^3 =$  \_\_\_\_\_ = \_\_\_\_\_