

PDT  
Ficha 3 - Modo Matemático

**1 Exercícios**

a)

$$\binom{a}{b+c} \binom{\frac{n^2-1}{2}}{n+1}$$

b)

$$\binom{n}{k} = \frac{n!}{k!(n-k)!}$$

c)

$$A = \begin{bmatrix} 1 & 3 & 0 \\ 2 & 4 & -2 \end{bmatrix}$$

d)

$$B = \{1 \quad 3 \quad -2\}$$

e)

$$C = \begin{pmatrix} 1 \\ 4 \\ -3 \end{pmatrix}$$

f)

$$A = \begin{pmatrix} a & b & c \\ d & e & f \\ g & h & i \end{pmatrix}$$

g)

$$\left\{ \begin{pmatrix} a & b & c \\ d & e & f \\ g & h & i \end{pmatrix} \right\}$$

h)

$$|A| = \begin{vmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & z \end{vmatrix}$$

i)

$$\|A\| = \begin{vmatrix} t & n & m \\ b & d & o \\ b & s & x \end{vmatrix}$$