re Teorema do Binômio Clarefa Básica 1-(1+2x2)6 x8=?  $\binom{6}{K}^{16-K} \cdot (2z^2)^K = \binom{6}{K}^{2K} \cdot z^{2K} - K = 0, 1, 2, ..., 6.$ 2K=8 K=8=4  $\binom{6}{4}2^4 \cdot x^8 = 6!$   $16 \cdot x^8 = 240 x^8$  (c) 2- (142-134)237 x=1  $(14x-13y)^{237} = (14.1-13.1)^{237} = (14-13)^{237} = 1^{237} = 1_{11}$  (8) 3-(x+10)" rigual la 1386 x5  $T_{k+1} = \begin{pmatrix} 11 \\ \chi \end{pmatrix} \chi^{11-k} \alpha^{k} = 1386 \chi^{5}$ 11-K=5 11-5=k  $T_{6+1}=(11)^{21-6}$   $C_{6}=1386\times 5$   $C_{7}=(11)^{21-6}$ ) 462a = 1386 11 = 11! a = 1386  $10^6 = \frac{1386}{462}$ T1 = 11.10.9.8.7.6! 126 = 1368 (A)

$$\frac{9-P-P \sim 9-P-2P}{2} = \frac{9-3P}{2}$$

$$\overline{1}P+1 = \left(\frac{9}{p}\right) \times \frac{9-3P}{2}$$

$$\chi^{2}=1$$
 $9-3P=0 \sim 9-3P=0 \sim 9=3P \sim P=\frac{9}{3}$ 

$$\frac{m-p-m \sim m-p-2 - 2m = m-3p}{2}$$

$$T_{P+1} = \left( m \right) x^{\frac{m-3P}{2}}$$

$$x = 1$$
  
 $x = 3P = 0 \rightarrow y = 3P = 0 \rightarrow P = y = y = 0$   
 $x = 1$   
 $x =$ 

$$\begin{array}{l}
06 - \text{Saja} \quad K = \left(3x^{2} + \frac{2}{x^{2}}\right)^{5} - \left(243x^{15} + 810x^{16} + 1080x^{5} + \frac{240}{x^{5}} + \frac{32}{x^{16}}\right) \\
x = 1 \\
\left(3.1^{3} + \frac{2}{1^{2}}\right)^{5} - \left(234.1^{15} + 810.1^{16} + 1080^{5} + \frac{240}{1^{5}} + \frac{32}{1^{10}}\right) \\
\left(3.1 + \frac{2}{1}\right)^{5} - \left(234 + 830 + 1080 + 240 + 32\right) \\
\left(3.1 + \frac{2}{1}\right)^{5} - 2405 \\
5^{5} - 2405 = 3125 - 2405 = 720
\end{array}$$

$$\begin{array}{l}
07 \cdot (2x + y)^{5} \\
(2x + y)^{5} = \left(5\right) (2x)^{5}y^{6} + \left(5\right) (2x)^{4}y^{4} + \dots + \left(5\right) (2x)^{4}y^{4} + \left(5\right) (2x)^{5}y^{5} \\
\left(7\right) (2x + y)^{5} = \left(7\right) (2x)^{5}y^{6} + \left(7\right$$