

## Problema 2: Resolução

i) Estes são os conjuntos de maiúsculas pedidos:

$\{A, R\}$ ,  $\{B\}$ ,

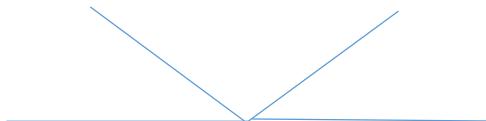
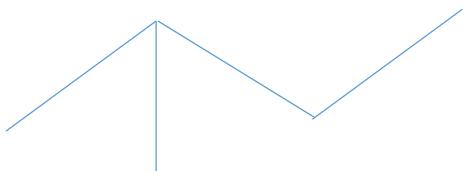
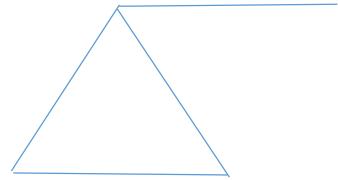
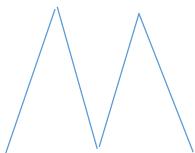
$\{C, G, J, L, M, N, S, U, V, Z, W\}$

$\{D, O\}$  ,  $\{E, F, T, Y\}$

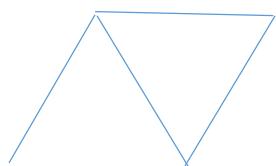
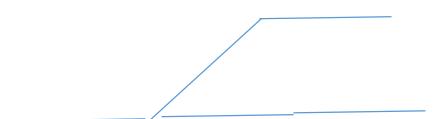
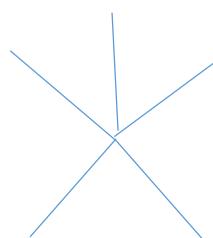
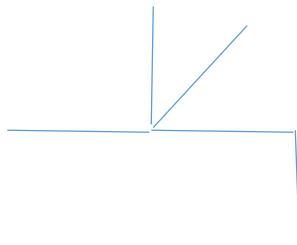
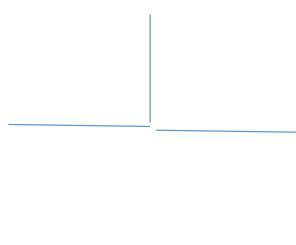
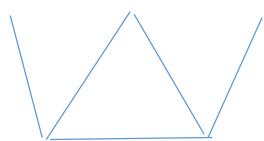
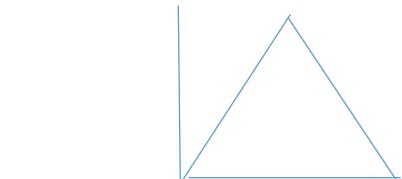
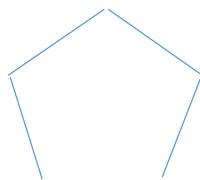
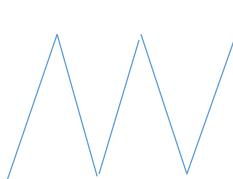
$\{H, I, K\}$  ,  $\{X\}$  ,  $\{P, Q\}$

Caro leitor/a se o I de escrevesse I e o K K onde estariam?

ii) Figuras não homeomorfas com quatro fósforos:



iii) E com cinco fósforos:



Caro leitor/a, e com seis fósforos quantas figuras haverá?