Let $A = \{\triangle, \square, \star\}$. Then $\mathcal{P}(A)$ has eight elements:

$$\emptyset$$
$$\{\triangle\}, \{\square\}, \{\star\},$$
$$\{\triangle, \square\}, \{\triangle, \star\}, \{\square, \star\},$$
$$A.$$

There are three subsets of size one and three subsets of size two.