- 2) Un embarque de 10 automóviles extranjeros contiene 4 que tienen ligeras manchas de pintura. Si una agencia recibe 6 de estos automóviles al azar, sea
  - X: "nº de automóviles que la agencia compra con manchas de pintura".
  - a) Hallar la f.d.p. de X
  - b) Determine P(X = 0); P(X = 2);  $P(X \le 2)$ ;  $P(X \le 2)$
  - a)  $R_X = \{0,1,2,3,4\}$

$$P(X = 0) = \frac{\binom{4}{0}\binom{6}{6}}{\binom{10}{6}}$$
$$P(X = 1) = \frac{\binom{4}{1}\binom{6}{5}}{\binom{10}{5}}$$

$$P(X = 1) = \frac{\binom{4}{1}\binom{6}{5}}{\binom{10}{6}}$$

$$P(X = 2) = \frac{\binom{4}{2}\binom{6}{4}}{\binom{10}{6}}$$

$$P(X = 2) = \frac{\binom{4}{2}\binom{6}{4}}{\binom{10}{6}}$$
$$P(X = 3) = \frac{\binom{4}{3}\binom{6}{3}}{\binom{10}{6}}$$

$$P(X = 4) = \frac{\binom{4}{4}\binom{6}{0}}{\binom{10}{6}}$$