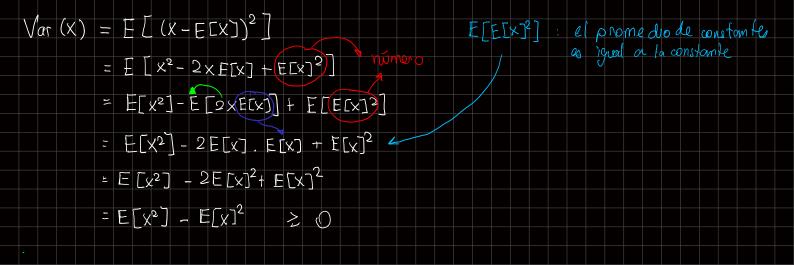
Ejercicio 1. Let X be a random variable that represents the number of heads in two tosses of a fair coin. What is the value of $E[X^2]$? What is the value of $E[X]^2$?



Ejercicio 2. Let X be a random variable that represents the sum of the results in the roll of n dice. What is the value of E[X]?

$$Q = \frac{1}{3} + -6\left(\frac{1}{3}\right) = \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{1}{3} + \frac{1}$$

