Frequencies:

- Geno type

$$f(G_1G_1) = \frac{4}{10} = 0.4$$

$$f(G_1G_2) = \frac{3}{10} = 0.3$$

$$f(G_2G_2) = \frac{3}{10} = 0.3$$

$\left.\begin{array}{c}\\\\\\\end{array}\right\}$ add up to 1

- Alleles:

$$f(G_1) = f(G_1G_1) + \frac{1}{2}f(G_1G_2)$$
$$= 0.4 \quad + \quad 0.15 = 0.55$$

$$f(G) = f(G_2G_2) + \frac{1}{2}f(G_1G_2) = 0.45$$