in population that is in hardyweinberg equilibrium the friqvency of a recacive allile for a certain arridatary trait is 0.20 what % of the indivisaul in the next genration would be acepted to show the dominent trait

Answer: 96%

Solution:

Dominant trait will be expressed in both dominant homozygotes and heterozygotes. According to the Hardy-Weinberg Law:

$$p(AA) + p(Aa) + p(aa) = 1$$

or

$$p^2 + 2pq + q^2 = 1$$

Therefore:

$$Dominant\ trait = 1 - q^2 = 1 - (0.2)^2 = 1 - 0.04 = 0.96 = 96\%$$