

Question #74845 – Biology – Genetics

C – dominant allele, with cleft chin

c – recessive allele, without cleft chin

	♀	C	c
♂		C	c
	C	CC	Cc
	c	Cc	cc

The Punnet square gives information about the possibility of any parents' signs to reveal in next generations.

According to the given the Punnet square, the probability that a child will not have a cleft chin is 25%. It means every fourth child may not have a cleft chin. That supports parents' prediction.

According to the Punnet square, the chances for fifth child to have a cleft chin are 75%.