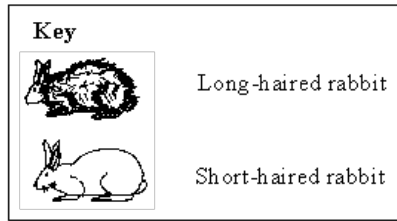
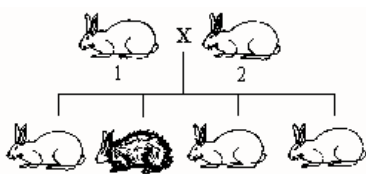


# Long-haired and short-haired rabbits

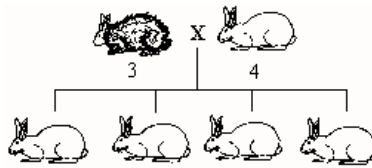


A rabbit breeder carried out the following breeding with six different rabbits. Here the results of the three crosses.

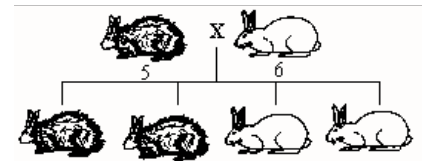
**Cross 1**



**Cross 2**



**Cross 3**



- a) i) Which characteristic, long hair or short hair, is dominant? \_\_\_\_\_
- ii) Give evidence for your answer.

\_\_\_\_\_

b) Using the letters H and h to represent hair length in rabbits, complete:

- i) The genotypes of the parent rabbits in Cross 3 are \_\_\_\_\_ and \_\_\_\_\_
- ii) The punnet square to show Cross 1 is:


c) The breeder wanted to establish a pure (true) breeding strain of short-haired rabbits.

- i) Which of the parent rabbits (numbered 1-6) would most likely be chosen?

Number \_\_\_\_\_

- ii) The offspring of which cross (1, 2 or 3) would most likely be chosen?

Cross \_\_\_\_\_