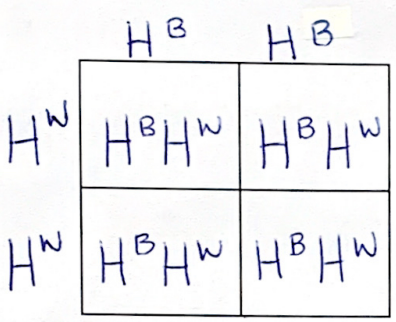
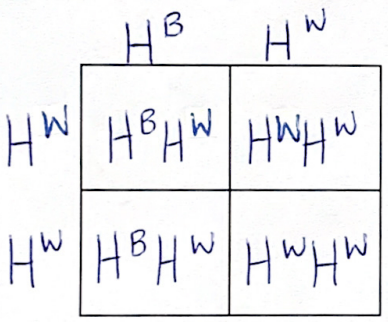
Assignment:

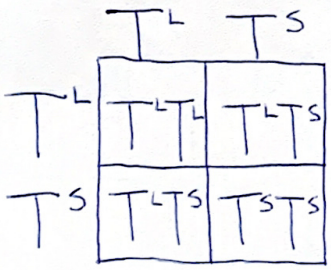
1. The alleles for hair colour in rabbits express incomplete dominance. If a black rabbit (H^B) mates with a white rabbit (H^W). What are the probable genotypes and phenotypes of their offspring? Complete a Punnett square

	Genotypes: ____% H^BH^B 100% H^BH^W ____% H^WH^W	Phenotypes: ____% black 100 % grey ____% white

2. If one of the offspring from question #1, grey rabbit, mates with a white rabbit...What are the possible genotypes and phenotypes of the next generation of rabbits?

	Genotypes: 0 % H^BH^B 50 % H^BH^W 50 % H^WH^W	Phenotypes: ____% black 50 % grey 50 % white

3. Tail length in dogs is determined by incomplete dominance. Long-tailed dogs (T^LT^L)and short-tailed dogs (T^ST^S) will produce medium-tailed dogs (T^LT^S). What are the genotypes and phenotypes if two medium-tailed dogs have offspring? Draw a Punnett square.



Genotypes:
25% T^LT^L
50% T^LT^S
25% T^ST^S

1:2:1 ratio

Phenotypes:
25% Long-tailed
50% Medium-tailed
25% Short-tailed