Example: Roan (red and white) Roan cow and roan bull mate		H ^R	H ^w	
A roan cow genotype : H ^R H ^w A roan bull genotype: H ^R H ^W	H ^R	H ^R H ^R	H ^R H ^W	
H is for hair R and W are colour	- 100			
What is the phenotype of offspring?	H ^w	H ^R H ^W	H ^w H ^w	
1 red (H ^R H ^R) 2 roan (H ^R H ^W) 1 white (H ^W H ^W)	_			

Assignment:

1. Checkered feathers in chickens are a mixture of black feathers (F^B) and white feathers (F^W). If a rooster with black feathers mates with a hen with white feathers, what are the probable genotypes and phenotypes of their offspring? Complete a Punnett square

FB FB	Genotypes:	Phenotypes:
LM EBLM LBLM	% F ^B F ^B	% black
Em EBEM EBEM	100 % FBFW	100 % checkered
LM LBLM CBLM	% F ^W F ^W	% white
FW FBFW FBFW		

2. A female has type A blood (I^AI^A) and a male has type AB blood (I^AI^B). Determine the blood type of offspring

