Answer the questions 1-7 using the Punnett square shown below

	B	b
B	BB	Bb
b	Bb	bb

1. What **genotype** do both parents have?
2. What letter represents the **recessive** gene?
3. What letter represents the **dominant** gene?
4. What are the three **genotypes** an offspring could have?
5. If b is a **recessive** gene, list the offspring that will exhibit or show the **recessive** trait.
6. If B is **dominant** over b, list the offspring that will exhibit or show the **dominant** trait.
7. Which **genotype** has a 50% chance of being inherited?

Draw a Punnett Square for each of the gene crosses listed below. Then, list the offspring's' genotypes.

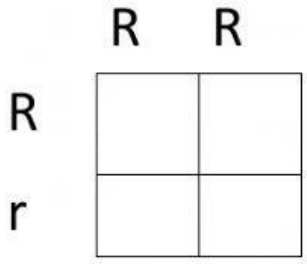
8. **Rr and rr**

Offspring percentage:

RR: _____ %

Rr: _____ %

rr: _____ %



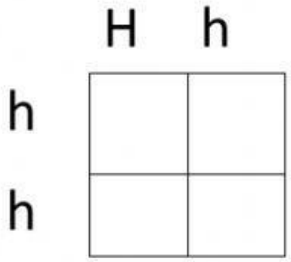
9. **HH and hh**

Offspring percentage:

HH: _____ %

Hh: _____ %

hh: _____ %



10. **Aa and aa**

Offspring percentage:

AA: _____ %

Aa: _____ %

Aa: _____ %

