

Name: _____

Date: _____

Answer the questions 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 offsprings' genotypes.

8. Rr and rr
9. HH and hh
10. Aa and Aa