

Answer the questions using the Punnett square shown below.

	<i>B</i>	<i>B</i>
<i>B</i>	<i>BB</i>	<i>Bb</i>
<i>B</i>	<i>Bb</i>	<i>bb</i>

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*