1. A cross between parental organisms that have a variation in a single gene or trait.
2. A cross between parental organisms that differ in two different traits.
3. Square diagram used to predict genotypes of mated individuals.
4. A basic unit of hereditary information.
5. A characteristic or attribute associated with a gene.
6. A variation of a gene.
7. Type of allele that solely produces an observed trait.
8. An allele with masked effects.
9. Inheriting different alleles of a given gene from each parent.
10. Inheriting the same alleles of a given gene from each parent.
11. The frequency of a given genotype.
12. The frequency of physical attributes being observed.
13. Traits with phenotypes influenced by two or more genes.

Determine the genotypic frequencies:

<table>
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<th>H</th>
<th>h</th>
<th>A</th>
<th>a</th>
<th>B</th>
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<tbody>
<tr>
<td>H</td>
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<td>A</td>
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</tr>
</tbody>
</table>

- YYRR: ___
- YYRr: ___
- YYrr: ___
- YyRR: ___
- YyRr: ___
- Yyrr: ___
- yyRR: ___
- yyRr: ___
- yyrr: ___

- YR: ___
- Yr: ___
- yR: ___
- yr: ___

- BB: ___
- Bb: ___
- bb: ___

YYRR: YYRR, YYRr, YyRR, YyRr
YYRr: YYRR, YYRr, YyRR, YyRr
YYrr: YYRR, YYRr, YyRR, YyRr
YyRR: YyRR, YyRr, yyRR, yyRr
YyRr: YyRR, YyRr, yyRR, yyRr
Yyrr: YyRR, YyRr, yyRR, yyRr
yyRR: ___
yyRr: ____
yyrr: ___