



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Heredity

Karyotype

Genotype

Meiosis

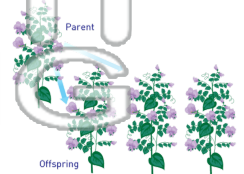
Heterozygous

Homologous chromosomes

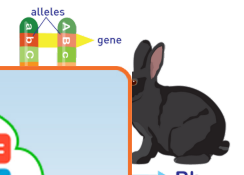
Homozygous

Genetics

1. _____ - the study of heredity



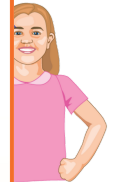
2. _____ - the genetic makeup of a particular organism



3. _____ offspring

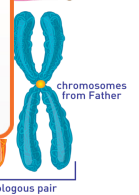


4. _____ trait

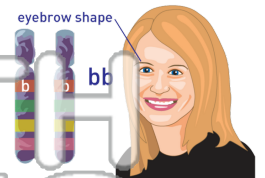


5. _____ length and

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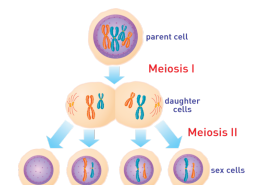
6. _____ - an organism that has two of the same alleles for a particular trait



7. _____ - a picture of the actual chromosomes of the organism, arranged in pairs



8. _____ - cellular process responsible for producing sex cells (egg and sperm) that contain half the number of chromosomes of the parent cell





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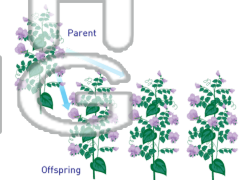
Heterozygous

Homologous chromosomes

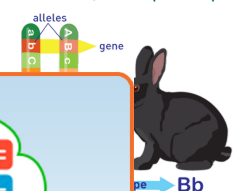
Homozygous

Genetics

1. **genetics** - the study of heredity



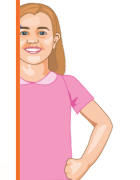
2. **genotype** - the genetic makeup of a particular organism



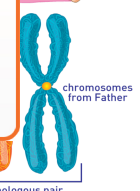
3. **heredity** - the passing of traits from parents to offspring



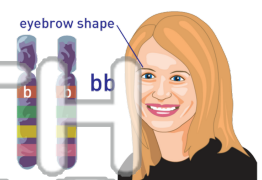
4. **heterozygous** - having two different alleles for a trait



5. **homologous chromosomes** - chromosomes that are similar in shape and size, one from each parent



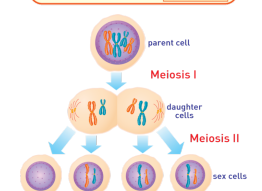
6. **homozygous** - an organism that has two of the same alleles for a particular trait



7. **karyotype** - a picture of the actual chromosomes of the organism, arranged in pairs



8. **meiosis** - cellular process responsible for producing sex cells (egg and sperm) that contain half the number of chromosomes of the parent cell



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