

NAME:

PERIOD:

DATE:

GENETICS HOMEWORK

Answer all questions. Use your notes to help.

FILL IN THE BLANK.

1. The "Father of Genetics" was _____
2. A section of DNA that contains the code for a trait is a _____
3. The type of traits that your DNA controls are _____ traits.
(We wrote this on our DNA notes.)
4. _____ alleles "overpower" other alleles or "show up" in favor of other alleles.
(Ex. "brown eyes" is favored over "blue eyes")
5. _____ is the study of how characteristics are passed from generation to generation.

MATCHING.

- | | |
|---------------------|---|
| 6. _____ trait | A. how a trait "shows up" for an organism |
| 7. _____ allele | B. a characteristic of an organism controlled by DNA |
| 8. _____ homozygous | C. the 2 alleles an organism has in a gene |
| 9. _____ phenotype | D. 1 of 2 sets of instructions in a gene, 1 came from each parent |
| 10. _____ genotype | E. having two of the exact same allele in a gene |

