

Name: _____

Date: _____



GENIUSCHALLENGE

GENES AND MUTATIONS

1. _____ is a difference in the same trait and is why siblings don't look exactly alike.
2. Deoxyribonucleic acid is also referred to as _____.
3. Traits of an organisms are passed from _____ to offspring.
4. A scientist who collects and analyzes DNA from a crime scene is a _____.
5. _____ are changes in an organism's genetic material.
6. _____ and _____ factors can affect an organism's traits.
7. _____ are tightly coiled strands of DNA found in cells.
8. The directions in our genes allow us to make _____ that carry out specific tasks.
9. Give an example of a trait and explain how a genetic trait is passed down from parent to offspring in animals. _____

10. Give an example of a mutation and explain how it could affect an organism?

