

## Heredity Unit Review Part 1

Heredity	DNA	Chromosome	Gene
Mitochondria	Recessive	Vacuole	Nucleus
Trait	Egg	Mendel	

Use the word bank above to fill in the blank.

\_\_\_\_\_ 1. Which is the smallest in the group: nucleus, DNA, gene, and chromosome?

\_\_\_\_\_ 2. Which is the largest in the group: nucleus, DNA, gene, and chromosome?

\_\_\_\_\_ 3. What coils to form a double helix (spiral ladder shape)?

\_\_\_\_\_ 4. What are responsible for the inherited characteristics that distinguish one individual from another?

\_\_\_\_\_ 5. What is the passing of traits from generation to generation?

\_\_\_\_\_ 6. What are the inherited characteristics that distinguished an individual from another?

\_\_\_\_\_ 7. Where is the genetic information located?

\_\_\_\_\_ 8. What are structures that contain the genetic information (DNA)?

\_\_\_\_\_ 9. The male sex cell sperm activates the female sex cell \_\_\_\_\_ to form an offspring .

\_\_\_\_\_ 10. The father of genetics is Gregor \_\_\_\_\_.