

Cell Organelle Matching

1. ____ This holds all the DNA of the cell.
2. ____ This organelle receives, sorts, modifies, and packages proteins.
3. ____ This synthesizes ATP.
4. ____ This reads mRNA and can be found in the nuclear envelope.
5. ____ These are arranged in a 9 x 3 configuration.
6. ____ This will package enzymes and break down glucose.
7. ____ These neutralize free radicals, and breakdown fatty acids.
8. ____ This will synthesize proteins and is continuous with the nuclear membrane.
9. ____ These are the folds within the mitochondria.
10. ____ This provides the cell with structure and support.

- A. Cytoskeleton
- B. Mitochondria
- C. Nucleus
- D. Golgi
- E. Endoplasmic Reticulum
- F. Lysosome
- G. Centrioles
- H. Peroxisomes
- J. Cristae
- K. Ribosomes

DNA Questions

1. The backbone of DNA contains a _____ and a _____.
2. _____ and _____ are considered pyrimidens.
3. _____ and _____ bases pair, while _____ and _____ pair.
4. There are _____ chromosomes in a cell.
5. An 8 protein cluster of DNA is considered a _____.