

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

**Cell Processes Worksheet**

Match the following terms with the correct the definition. (Some terms may not be used, where as other may be used more than once).

Mitosis      mRNA      Anaphase      Meiosis      Translation      DNA  
tRNA      Telophase      Transcription      Prophase      RNA  
Chromosomes      Cell Division      First      Final

1. \_\_\_\_\_ attaches to the ribosomes ( → tRNA).
2. The process in which nuclear division occurs mostly in the gonads is referred to as \_\_\_\_\_.
3. In \_\_\_\_\_ of the cell process \_\_\_\_\_, centromeres separate.
4. \_\_\_\_\_ is the process in which a cell is divided and two identical daughter cells are produced with exactly the same genes.
5. \_\_\_\_\_ contains all genetic material for life.
6. \_\_\_\_\_ is the \_\_\_\_\_ step in mitosis. At the end of this phase, nucleoli have been broken down and disappeared; also chromosomes have attached to spindle fibers.
7. In the process known as \_\_\_\_\_, information from DNA base is transferred to the complementary base in \_\_\_\_\_.
8. The splitting of the cytoplasm occurs during \_\_\_\_\_.

Answer the following questions.

9. Why is cell division important?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_