

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?

