

Name:

Date:

MEIOSIS MATCHING WORKSHEET

Match the following events with their appropriate phase in meiosis.

Some lines will have more than one answer, and the stages can be used more than once or not at all. Then label the phases below on the diagrams.

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|----------------------------|-----------------------------|---------------|
| A. prophase I | E. prophase II | I. interphase |
| B. metaphase I | F. metaphase II | |
| C. anaphase I | G. anaphase II | |
| D. telophase I/cytokinesis | H. telophase II/cytokinesis | |

1. B tetrads (homologous chromosomes) line up at the equator
2. I DNA replication occurs
3. H daughter cells divide forming 4 haploid cells.
4. E spindle fibers start to reach out to centromeres of sister chromatids
5. G sister chromatids separate
6. H cytoplasm divides amongst daughter cells
7. A crossing over occurs
8. A spindle fibers start to reach out to centromeres of tetrads
9. D two daughter cells are created
10. G sister chromatids move to opposite poles
11. C homologous pairs separate
12. F sister chromatids line up along the equator