

3.6 CELL CYCLE (MITOSIS) REINFORCEMENT WORKSHEET

Matching: match the term to the description (drag/drop or write the letter)

A. Prophase **B. Interphase** **C. Telophase** **D. Metaphase** **E. Anaphase**

F. Centromere **G. Chromatid** **H. Spindle fiber**

- ___ 1. The sister chromatids are moving apart.
- ___ 2. A new nuclear membrane is forming around the chromosomes.
- ___ 3. The cytoplasm of the cell is being divided.
- ___ 4. The chromosomes become visible.
- ___ 5. The chromosomes are located at the equator of the cell.
- ___ 6. The nuclear membrane begins to fade from view.
- ___ 7. The chromosomes are moving towards the poles of the cell.
- ___ 8. The spindle fibers are formed.
- ___ 9. DNA is replicated.
- ___ 10. During what phase of mitosis do centromeres divide and the chromosomes move toward their respective poles?
- ___ 11. What is the phase where chromatin condenses to form chromosomes?
- ___ 12. What is the name of the structure that connects the two chromatids?
- ___ 13. In a chromosome pair connected by a centromere, what is each individual chromosome called?
- ___ 14. What structure forms in prophase along which the chromosomes move?
- ___ 15. The period of cell growth and development between mitotic divisions?