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| **Lesson 1** | |
| 1. A cell spends most of its lifetime in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |
| 2. the cell cycle consists of:  - G\_\_\_\_\_\_\_\_\_\_\_  - D\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  - D\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 3. What are the two main phases of the cell cycle? |  |
| 4. Describe what occurs during the cell’s interphase, and mitotic phase. |  |
| 5. Name and describe each stage of the interphase.  1.  2.  3. |  |
| 6. Draw a picture of sister chromatids being held together by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |
| 7. Name and describe the 2 stages of the mitotic phase. (pictures OK)  1.  2. |  |
| 8. If a cell has 18 duplicated chromosomes, how many chromatids does it have? (Draw a picture to help) |  |
| 9. Choose the correct answer:  A(n) animal/plant cell divide by the cell membrane pinching together until the two cells split apart. |  |
| 10. Describe how a plant cell divides. |  |
| L**esson 2** | |
| 11. Similar cells working together are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |
| 12. List the 4 types of tissues found in animals, and their function.  1.  2.  3.  4. |  |
| 12. Photosynthesis takes place in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tissue of a plant. |  |
| 13. Label the diagrams. |  |
| **Matching** | |
| A. Prophase C. Anaphase  B. Metaphase D. Telophase  \_\_\_ 1. Sister chromatids separate  \_\_\_ 2. Spindle fibers begin to form  \_\_\_ 3. Chromosomes line up single file at the middle of the cell  \_\_\_ 4. Two identical nuclei form |  |