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| **Chapter 11 L 1 Vocab.** | | |
| **Term** | **Definition** | **Illustration** |
| Cell cycle  (P. 415) | Cycle of growth, development, and division of a cell |  |
| Interphase  (P. 416) | Growth and development of cell |  |
| Sister chromatid  (P. 418) | -2 identical chromosomes  -makes a duplicated chromosome |  |
| Centromere  (P. 418) | Holds sister chromatids together |  |
| Mitosis  (P. 419) | Nucleus and contents divide |  |
| Cytokinesis  (P. 419) | Cytoplasm and contents divide |  |
| Daughter cell  (P. 419) | 2 new cells from mitosis |  |

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| **Chapter 11 L 2 Vocab.** | | |
| **Term** | **Definition** | **Illustration** |
| Cell differentiation  (P. 429) | Cells become different types of cells |  |
| Stem cell  (P. 430) | Unspecialized cells that can develop into different types of cells |  |
| Tissue  (P. 431) | Groups of similar cells |  |
| Organ  (P. 432) | Group of tissues working together |  |
| Organ System  (P. 433) | Group of organs working together |  |