

Cell Processes and Energy ▪ 4.4 Review and Reinforce

Cell Differentiation

Understanding Main Ideas

Fill in the blanks with the appropriate answers.

When cells differentiate, they become 1. _____ from one another. They have differences in 2. _____ and 3. _____. When similarly specialized cells group together, they form 4. _____ and 5. _____. When organs and tissues work together, they form 6. _____. As development continues, cells become even more 7. _____. The three factors that determine the time and amount of change in a cell are its 8. _____, its 9. _____, and 10. _____.

Building Vocabulary Skills

Define the terms in the space provided.

11. stem cell

12. differentiation
