

CHECK YOUR LEARNING

1. Why are complex organisms made up of specialized cells? [K/U](#)
2. Think about your own body. List at least four activities that your body must do to keep you alive. [K/U](#)
3. Choose two specialized cells mentioned in this section. Compare their structure and function. [K/U](#)
4. Every cell in your body came from one fertilized egg cell. What does this tell you about the DNA differences between one body cell and another? [K/U](#)
5. Do plant cells specialize in the same way as animal cells? Use examples of each to illustrate your answer. [A](#)
6. Why do single-celled organisms not show specialization? [K/U](#)