

# Cell biology

**REVIEW  
IT!**

- 1** Stem cells are used in research to make organs for transplant.
  - a** What are stem cells?
  - b** Describe where stem cells can be found.
  - c** Discuss the advantages and disadvantages of using stem cells to make organs for transplant.
- 2** A section of Visking tubing containing a concentrated sugar solution is placed into a beaker of distilled water, in order to observe osmosis.
  - a** Define osmosis.
  - b** Explain what will happen to the Visking tubing.
  - c** Why is Visking tubing a good model of a cell?
  - d** Explain what would happen to an animal cell if it were placed into distilled water.