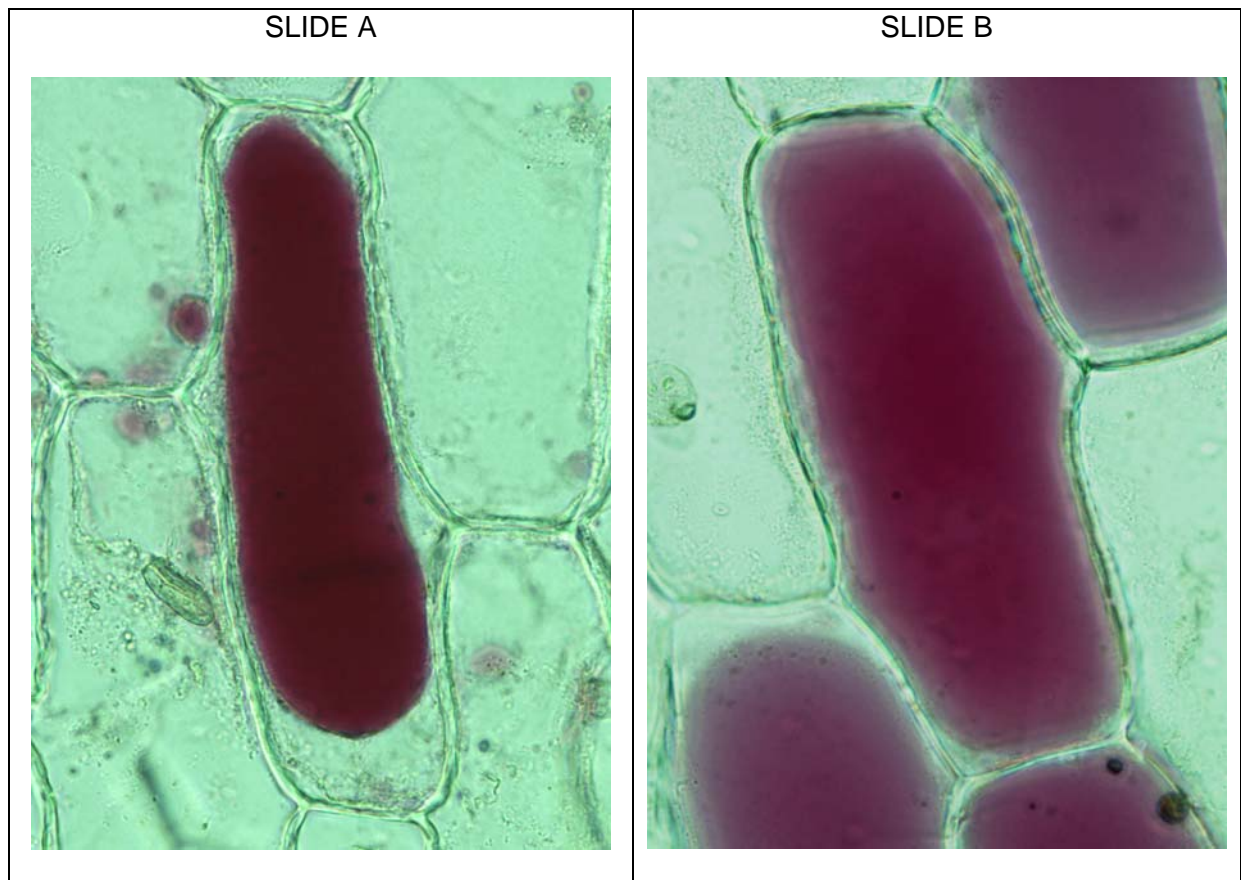


# CELLS ONLINE WORKSHEET

**TOPIC**

**RED ONION CELLS IN HIGH SOLUTE CONCENTRATION**

These cells are from an epidermal layer of red onion. Some of the cells in this cell layer contain a red pigment. Cells in Slide A were placed in a solution with high sucrose concentration. Cells in Slide B were placed in water. Cells were viewed with the light microscope at 400x magnification.



**Download this page, place in your notebook and answer the following questions.**

Q1: Describe the differences between the central cell in Slides A and B.

Q2: Suggest an explanation for the difference you see.

Q3: Which part of the cell contains the red pigment?

Q4: Why does the red pigment appear darker in Slide A than in Slide B?