

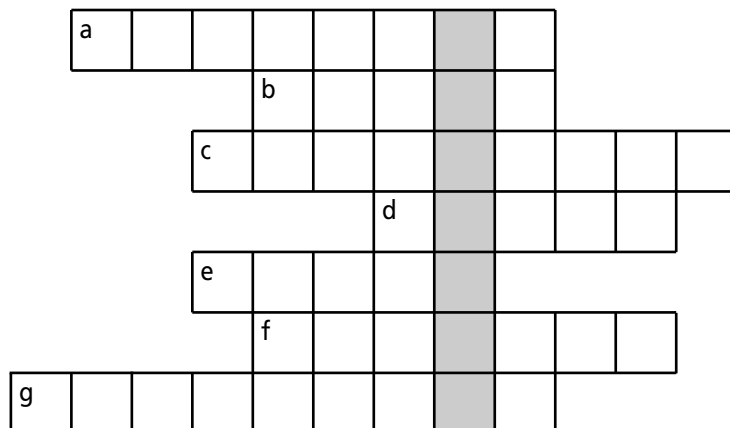
# Cells and microscopes

Name \_\_\_\_\_ Class \_\_\_\_\_



1 Work out what the missing words are in the clues below.  
Fill in the words on the grid.

- a The cell surface \_\_\_\_\_ controls what goes in and out of a cell.
- b When you see a specimen clearly down a microscope, it is in \_\_\_\_\_.
- c The \_\_\_\_\_ lens is closest to the stage.
- d A specimen is placed on a glass \_\_\_\_\_.
- e The \_\_\_\_\_ has a hole in it to let light through.
- f The \_\_\_\_\_ is found in plant cells. It is used for storing things.
- g The \_\_\_\_\_ is found in both plant and animal cells. It is like jelly.



2 The letters in the shaded part of the grid spell out a word.

- a What is the word? \_\_\_\_\_
- b What is the job of this part of a cell? \_\_\_\_\_
- \_\_\_\_\_

3 Fill in the correct magnifications in the table below.

Magnification of eyepiece lens	Magnification of objective lens	Total magnification
×5	×10	
×5	×40	
×10		×150

**S** literacy, numeracy, knowledge