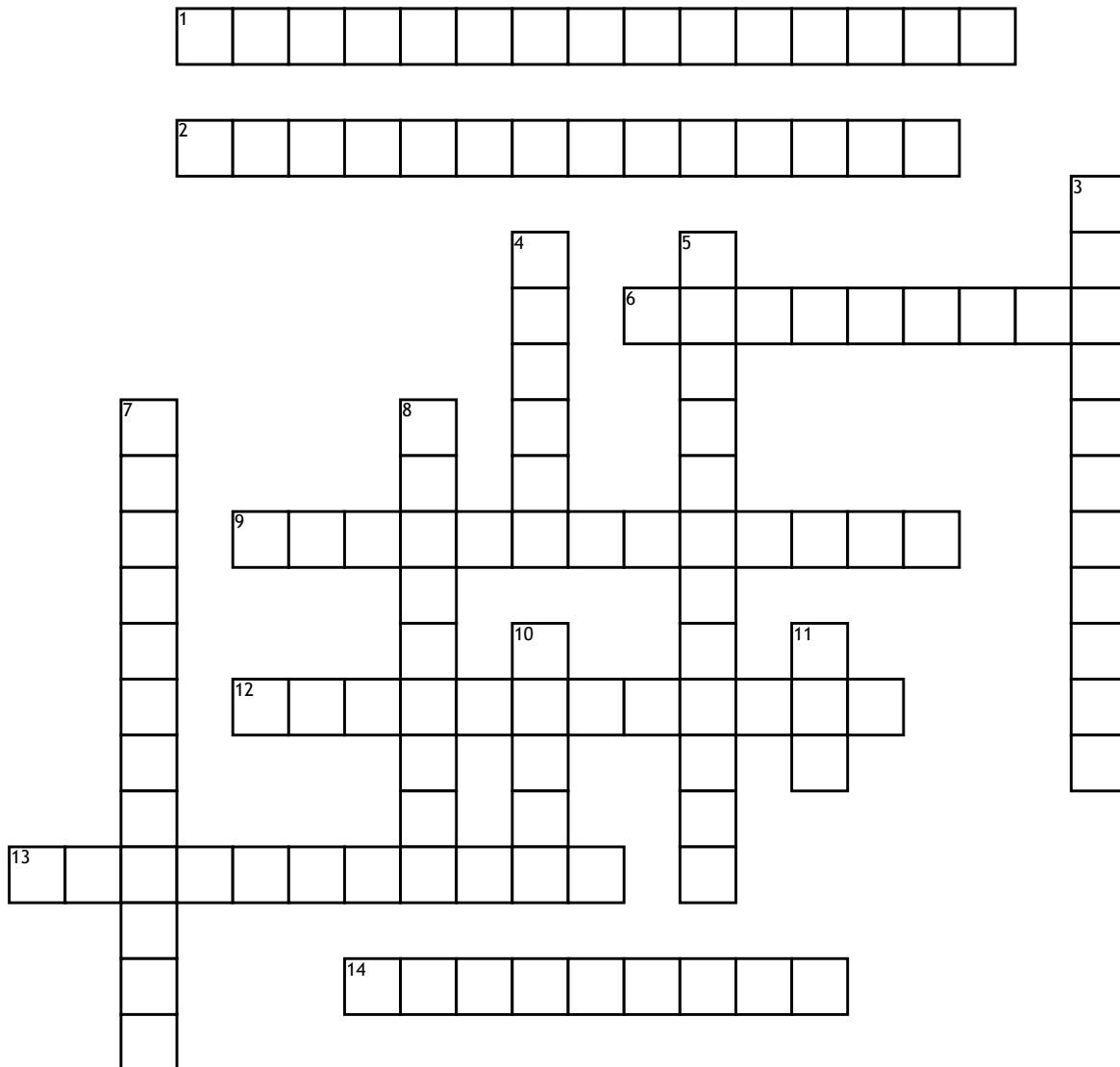


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Cell Structure and Function Crossword



## Across

1. Type of transport that requires energy

2. Proteins are made on the organelles called \_\_\_\_\_.

6. During cell reproduction, the chromosomes "condense" from the \_\_\_\_\_ that is normally found in the nucleus.

9. Two by-products of cellular respiration are \_\_\_\_\_ and water.

12. The plastid responsible for the yellow, orange and red colour in flowers, leaves and fruit

13. The system of intricate passageways inside of cells is called the \_\_\_\_\_ reticulum.

14. Tiny packets of digestive enzymes inside of cells are called \_\_\_\_\_.

## Down

3. Plays a role in the formation of the spindle fibres during mitosis

4. The gas called \_\_\_\_\_ is usually needed to release the energy stored in sugar.

5. In plant cells, the organelles called \_\_\_\_\_ are where energy of sunlight is converted to stored chemical energy.

7. The \_\_\_\_\_ are the organelles where the stored energy of sugar is released.

8. Proteins are made on the organelles called \_\_\_\_\_.

10. Cell products are wrapped in membranes by an organelle called the \_\_\_\_\_ complex.

11. When the energy of sugar is released, it is converted to a chemical abbreviated \_\_\_\_\_ that is readily available to carry out work inside the cell.