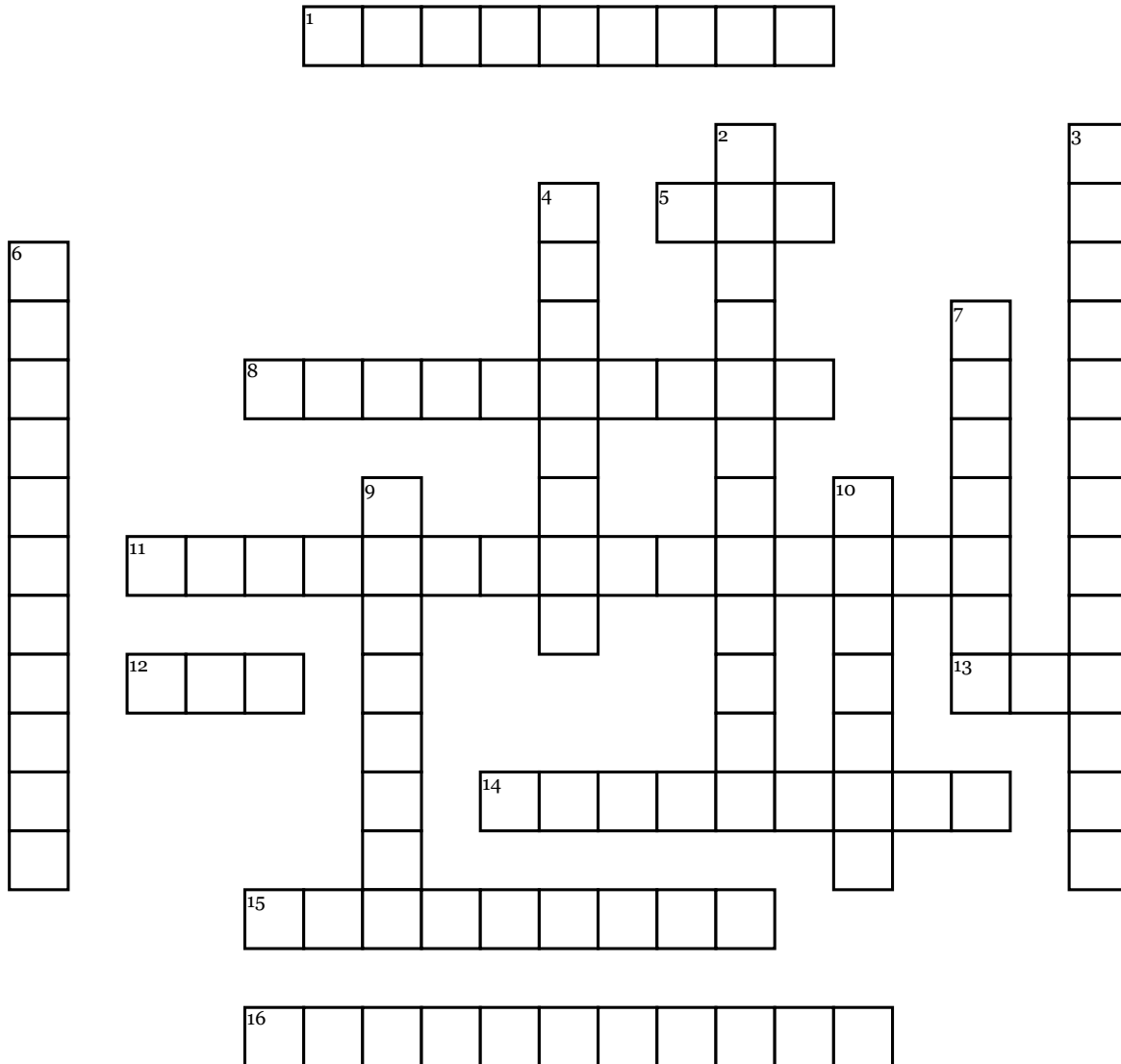


Name: \_\_\_\_\_

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

# Plant cell crossword



## Across

**1.** The protoplasm within a living cell, without the nucleus?

**5.** Network of tubular membranes within the cytoplasm of the cell? (abbreviation)

**8.** Organelle near the nucleolus that contains centrioles and spindle fibers develop in cell division?

**11.** The double membrane surrounding the nucleus within a cell?

**12.** A phosphorylated nucleotide  $C_{10}H_{16}N_5O_{13}P_3$  composed of adenosine and three phosphate groups that supplies energy for many biochemical cellular processes?

**13.** An organelle found in both animal cells and plant cells. An organelle is a sub-unit within a cell that has a specialized function? (abbreviation)

**14.** Rounded body within the nucleus of a cell?

**15.** An organelle in eukaryotic cells that stores and modifies proteins for specific functions and then transports them to other parts of the cell?

**16.** A green pigment responsible for the absorption of light to provide energy for photosynthesis?

## Down

**2.** The semipermeable membrane surrounding the cytoplasm of a cell?

**3.** An organelle found in large amounts in most cells, in which the biochemical processes of respiration and energy occur?

**4.** Small particle that consist of RNA and associated proteins, found in large numbers in the cytoplasm of living cells?

**6.** A plastid that contains chlorophyll and in which photosynthesis takes place?

**7.** A central part about which other parts are grouped or gathered?

**9.** A rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria?

**10.** A space or vesicle within the cytoplasm of a cell?