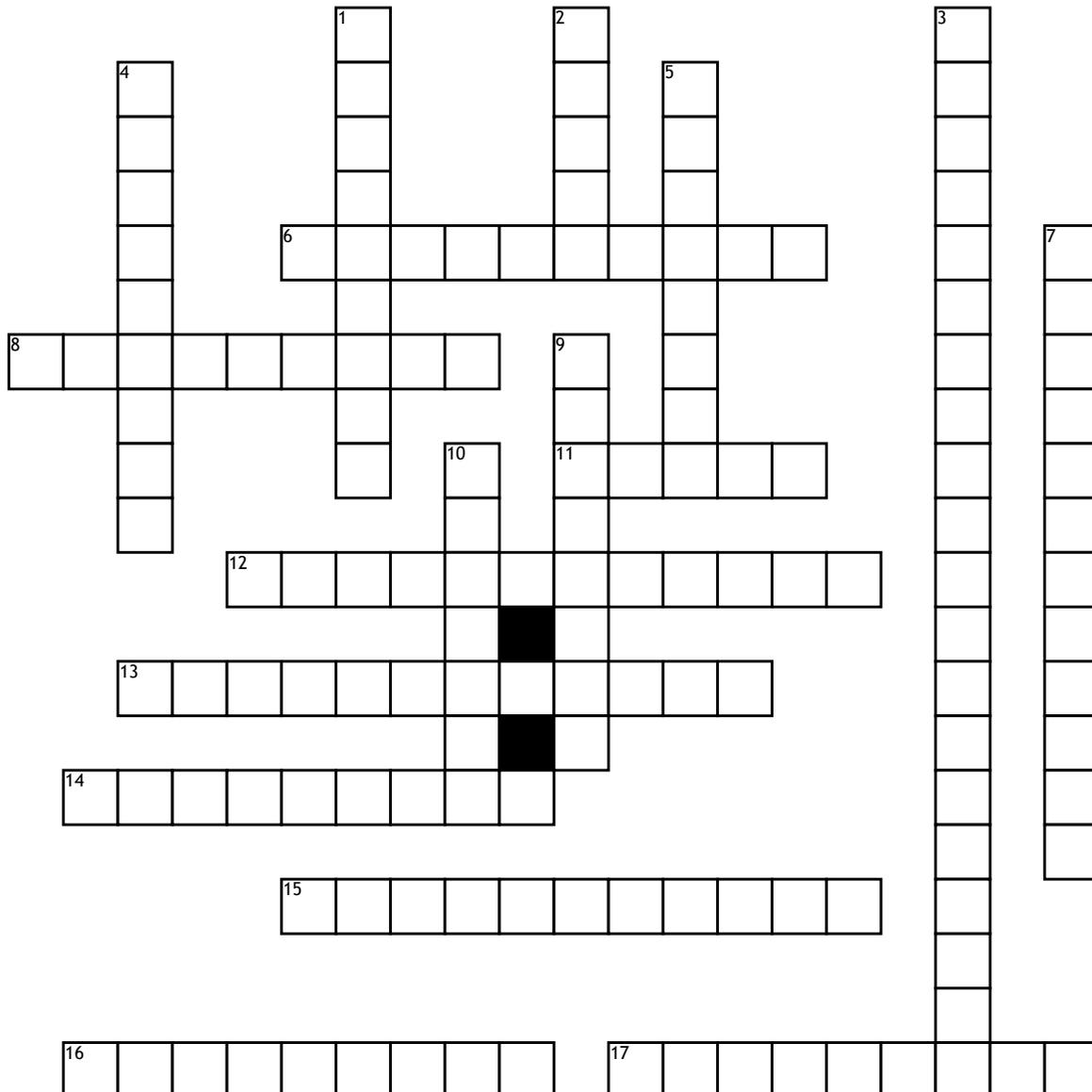


# Plant and Animal Cell Structures



## Across

**6.** Located near the nucleus and plays a role in cell division

**8.** Long, threadlike structures

**11.** Short hair-like structures

**12.** Powerhouse of the cell

**13.** Network of protein filaments that helps the cell maintain its shape

**14.** Jelly-like substance in the cell that surrounds and supports the organelles

**15.** Site of photosynthesis

**16.** Proteins are assembled here

**17.** Contains enzymes that break down substances

## Down

**1.** Where the assembly of ribosomes begin

**2.** Packages substances

**3.** Comes in two forms: smooth and rough

**4.** DNA found in the nucleus of the cell

**5.** Protect and supports a plant cell

**7.** Controls what enters and exits the cell

**9.** Sac-like storage organelles

**10.** The control center of a cell