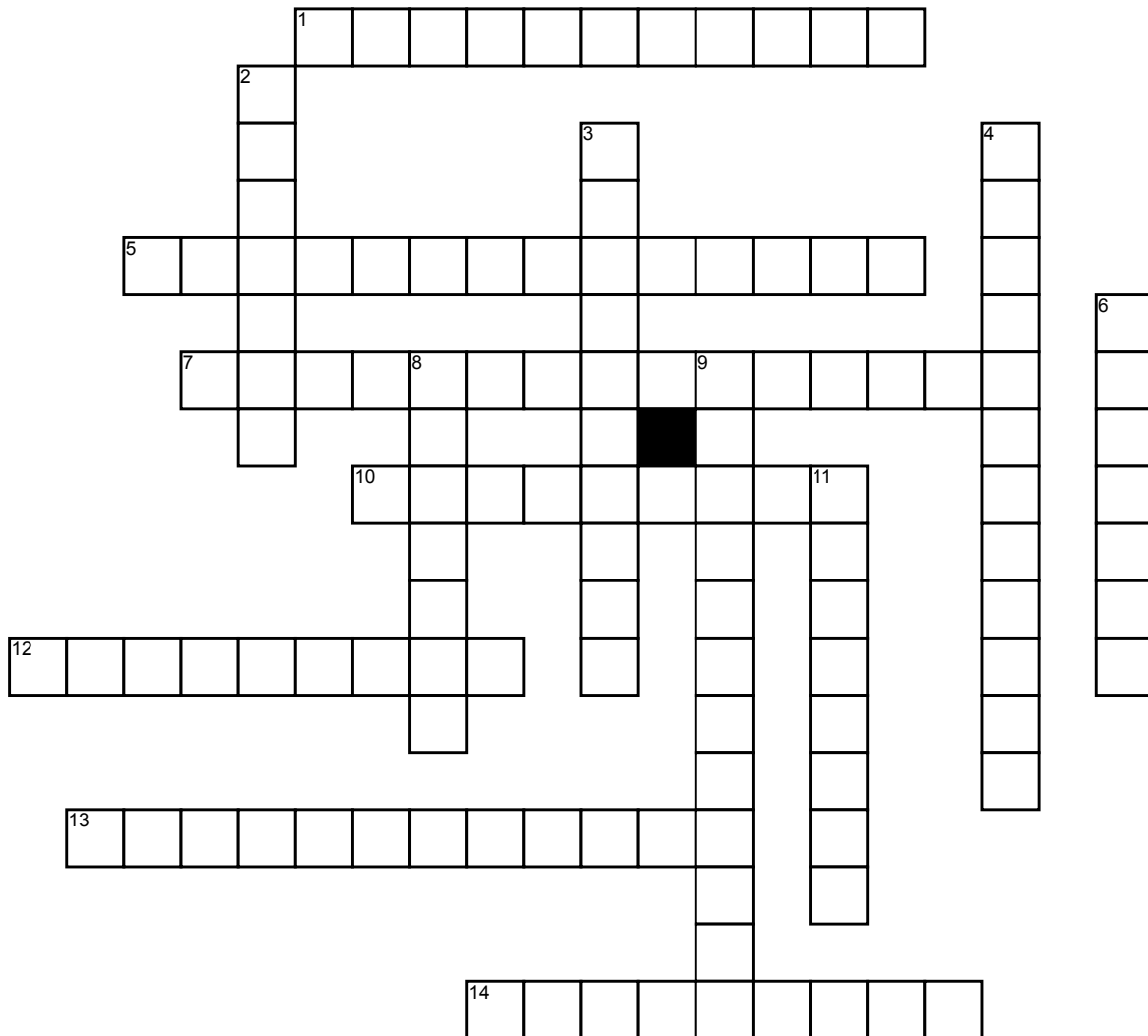


Name: \_\_\_\_\_

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

# Cell Biology



## Across

- 1.** Contains, proteins, DNA, ribosomes, cell membrane, Golgi apparatus  
**5.** Modification, storage and sorting and shipping of cell products, manufacture of some polysaccharides  
**7.** The flow of information in protein synthesis, DNA – mRNA – Protein  
**10.** A dense structure in the nucleus, synthesizes ribosomal RNA combined with proteins to assemble ribosomal subunits

- 12.** Digestion, recycling, contains hydrolytic enzyme  
**13.** Site of cellular respiration, generate ATP from sugars and fats  
**14.** to synthesise proteins by linking amino acids together  
**Down**

- 2.** Contains most of the cells' genetic material (DNA), directs protein synthesis  
**3.** Contain, enzymes, DNA, ribosomes, cell membrane, chloroplast, mitochondria, Golgi apparatus and vacuoles

- 4.** System of protein fibres that maintain cell shape, anchors organelles  
**6.** Membrane enclosed sacs used for storage  
**8.** Ribosomes attached, protein assembly and folding  
**9.** Site of photosynthesis  
**11.** Which structure is primarily involved in detoxification and therefore abundant in liver cells?