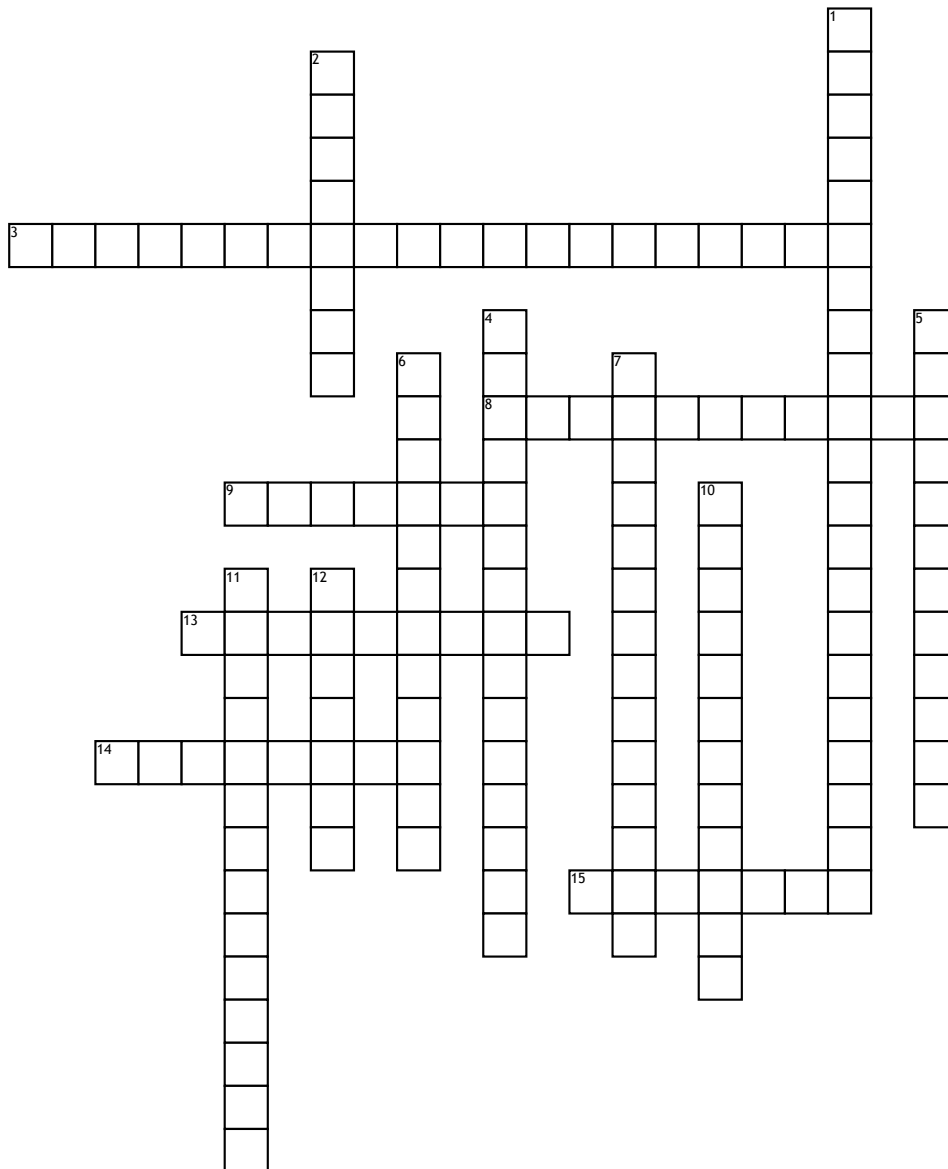


Name: \_\_\_\_\_

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

# Parts of the Cell



## Across

3. a membranous network that is continuous with the outer nuclear membrane

8. site of photosynthesis

9. a membrane-bounded vesicle with varied functions (derived from ER and Golgi)

13. a complex of rRNA and protein that functions as a site of protein synthesis

14. the portion of endoplasmic reticulum that is free of ribosomes

15. the organelle of a eukaryotic cell that contains the genetic material

## Down

1. a component of the cytoskeleton that includes filaments intermediate in size to microtubules and microfilaments

2. a membrane-enclosed sac of hydrolytic (digestive) enzymes

4. the double membrane that surrounds the nucleus

5. a network of microtubules, microfilaments, and intermediate filaments that extend throughout the cytoplasm

6. site of cellular respiration

7. an organelle consisting of stacks of flat membranous sacs

10. a hollow rod of tubulin that makes up part of the cytoskeleton

11. a solid rod of actin proteins in the cytoplasm, making up part of the cytoskeleton

12. the portion of endoplasmic reticulum with ribosomes attached