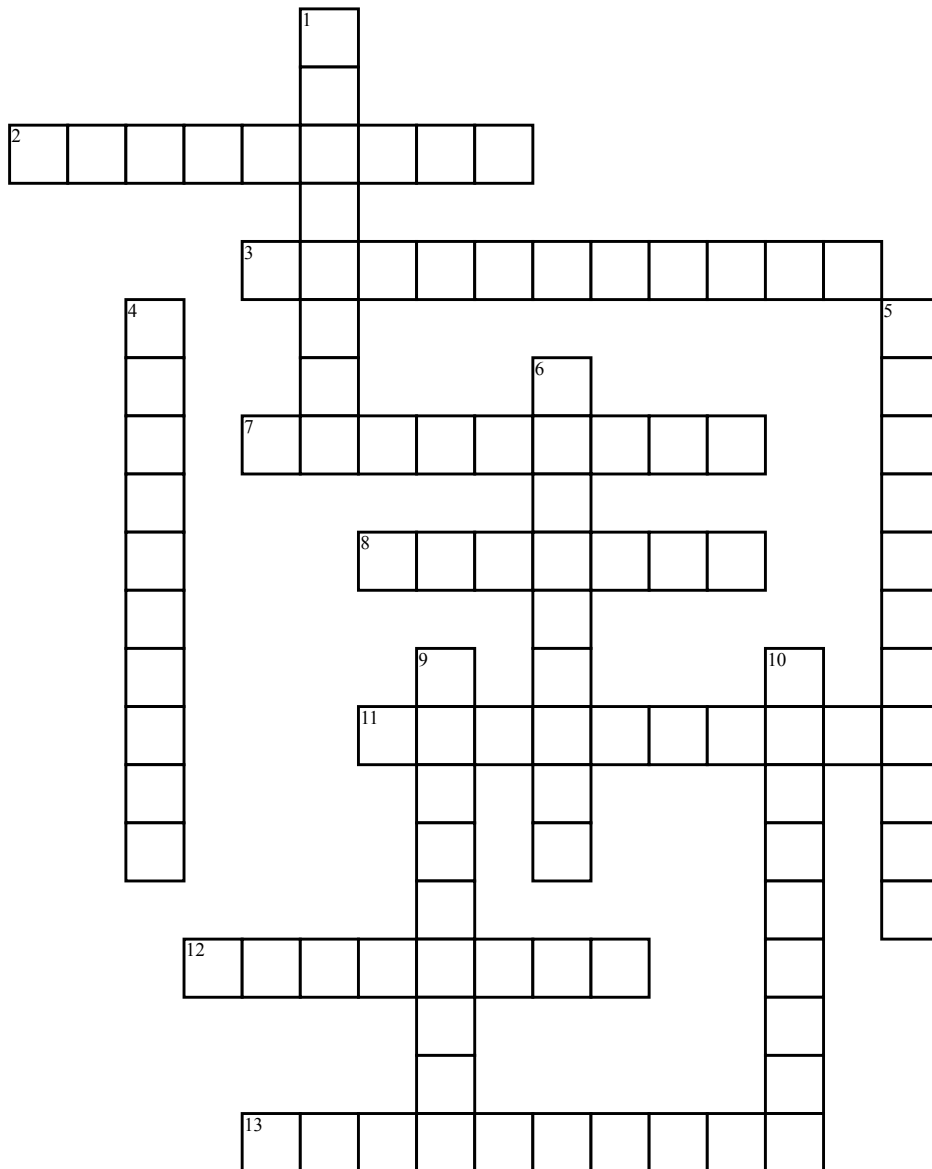


# Process of Cell Division



## Across

2. The DNA strands in the duplicated chromosome  
 3. Packages of DNA containing genetic information  
 7. Forth stage of mitosis, when chromosomes(condensed and distinct) spread out into a tangle of chromatin  
 8. First stage of cell division, division of nucleus

11. Area where duplicated strands of DNA molecule can be seen to be attached along their length  
 12. During \_\_\_\_, genetic material in nucleus condense and the duplicated chromosomes become visible  
 13. "In between" period of growth during cells during cell's life

## Down

1. Third phase of mitosis that begins when sister chromatids separate and move apart

4. Tiny paired structures  
 5. Second stage of cell division, division of cytoplasm  
 6. Chromosomes in eukaryotic cells form a close association with histones(protein)  
 9. Second stage of mitosis when centromeres of the duplicated chromosomes line up across center of cell  
 10. Series of events cells go through as they grow and divide