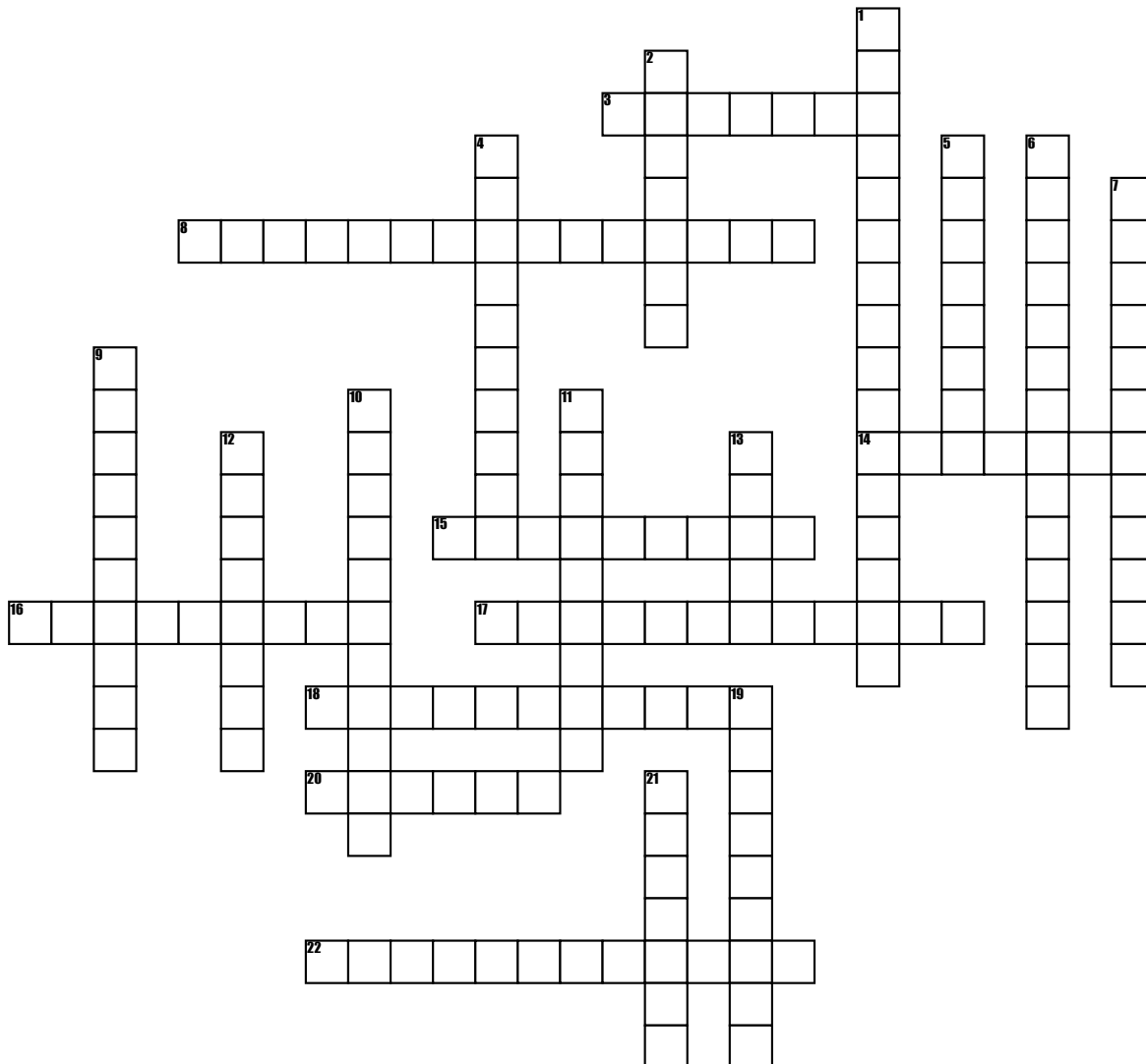


# Crosswords



## Across

- 3.** Where DNA is found in Eukaryotic cells  
**8.** the new strands of DNA developed from the parent strands  
**14.** bonds with Thymine  
**15.** the final stage of meiosis when the chromosomes move toward opposite ends of the nuclear spindle  
**16.** the second stage of meiosis  
**17.** Francis Crick The other scientist who developed the model of DNA  
**18.** sugar found in DNA  
**20.** sugar found in RNA  
**22.** the process in reproduction and growth by which a cell divides to form daughter cells

## Down

- 1.** Helped develop high-quality X-ray diffraction images of strands of DNA, or photographs, suggesting that DNA resembled a helix of two chains of DNA  
**2.** bonds with Cytosine  
**4.** a threadlike strand of DNA that carries genes  
**5.** the first stage of meiosis  
**6.** Process that makes an exact copy of DNA  
**7.** bond found between each pair of complementary bases which keep the two strands of DNA together  
**9.** subunit of DNA composed of a phosphate, deoxyribose sugar, and a nitrogenous base  
**10.** Shape of DNA

- 11.** one of two identical strands into which a chromosome splits during mitosis  
**12.** the stage of meiosis or mitosis when chromosomes move toward opposite ends of the nuclear spindle  
**13.** make up the rungs of the ladder (inside the double helix)  
**19.** an organism of one or more cells with membrane-bound nuclei  
**21.** the process by which a cell divides into two smaller cells