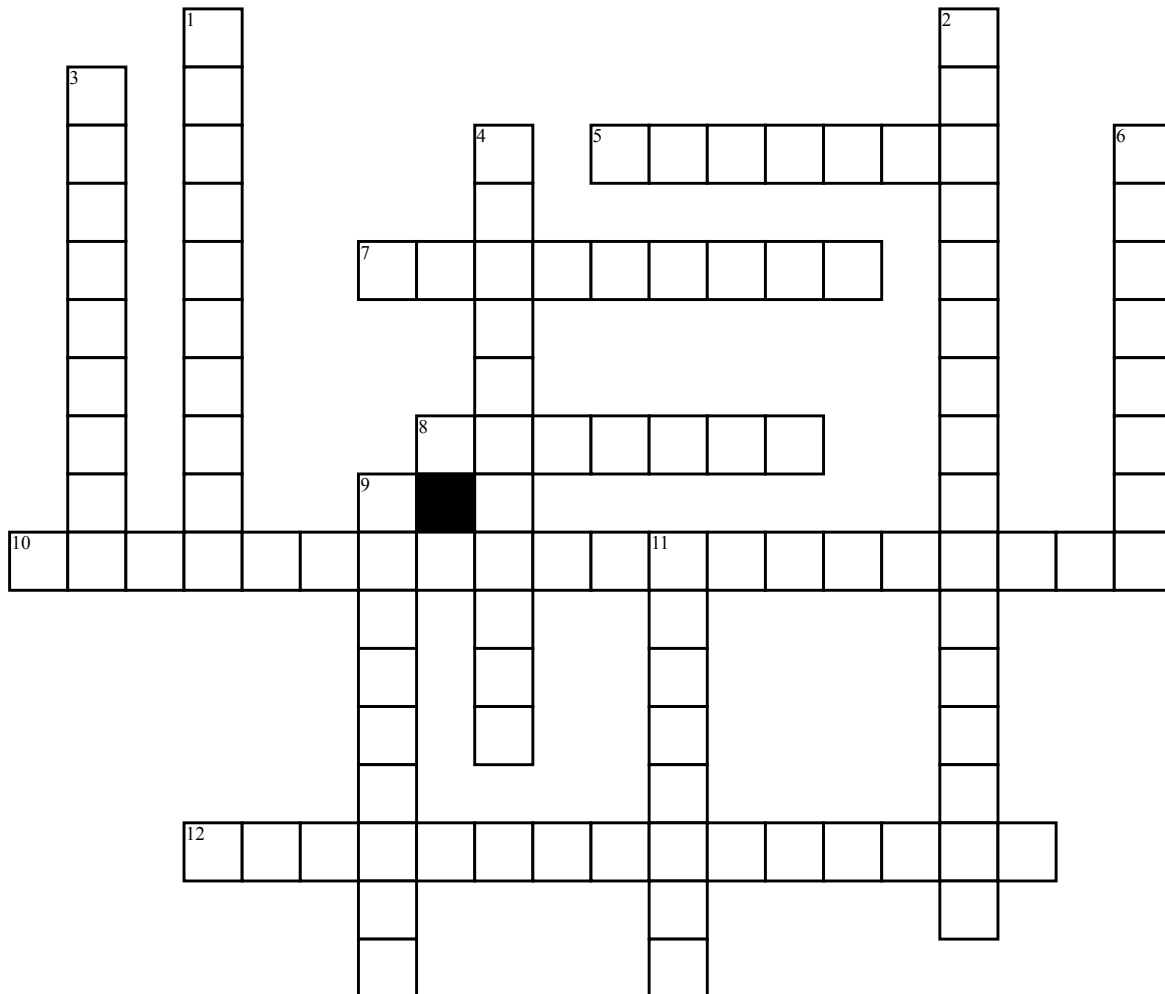


Name: _____ Date: _____ Period: _____

Samantha D'Amico's Choice Activity;)



Across

- 5.** The diffusion of water molecules across a selectively permeable membrane.
- 7.** The third stage of the cell cycle where the chromosomes line up across the center of the cell attached to spindle fibers.
- 8.** The process during which the cell's nucleus divides into two new nuclei.
- 10.** A membrane that allows some substances to pass through but not others

- 12.** The movement of materials through cell membrane using cellular energy.

Down

- 1.** The first stage of the cell cycle where the cell grows and makes a copy of its DNA, and prepares to divide into two cells.
- 2.** The movement of dissolved materials through a cell membrane without using cellular energy.
- 3.** The fifth stage of the cell cycle where the split chromosomes unravel and two new nucleus's begin to form.

- 4. BONUS:** The final stage of the cell cycle. Division of the Cytoplasm, and the formation of two daughter cells.

- 6.** The fourth stage of the cell cycle where the chromosomes split and move to opposite ends as the cell stretches out.

- 9.** The main method by which small molecules move across the cell membrane.

- 11.** The second stage of the cell cycle where the chromosomes form.