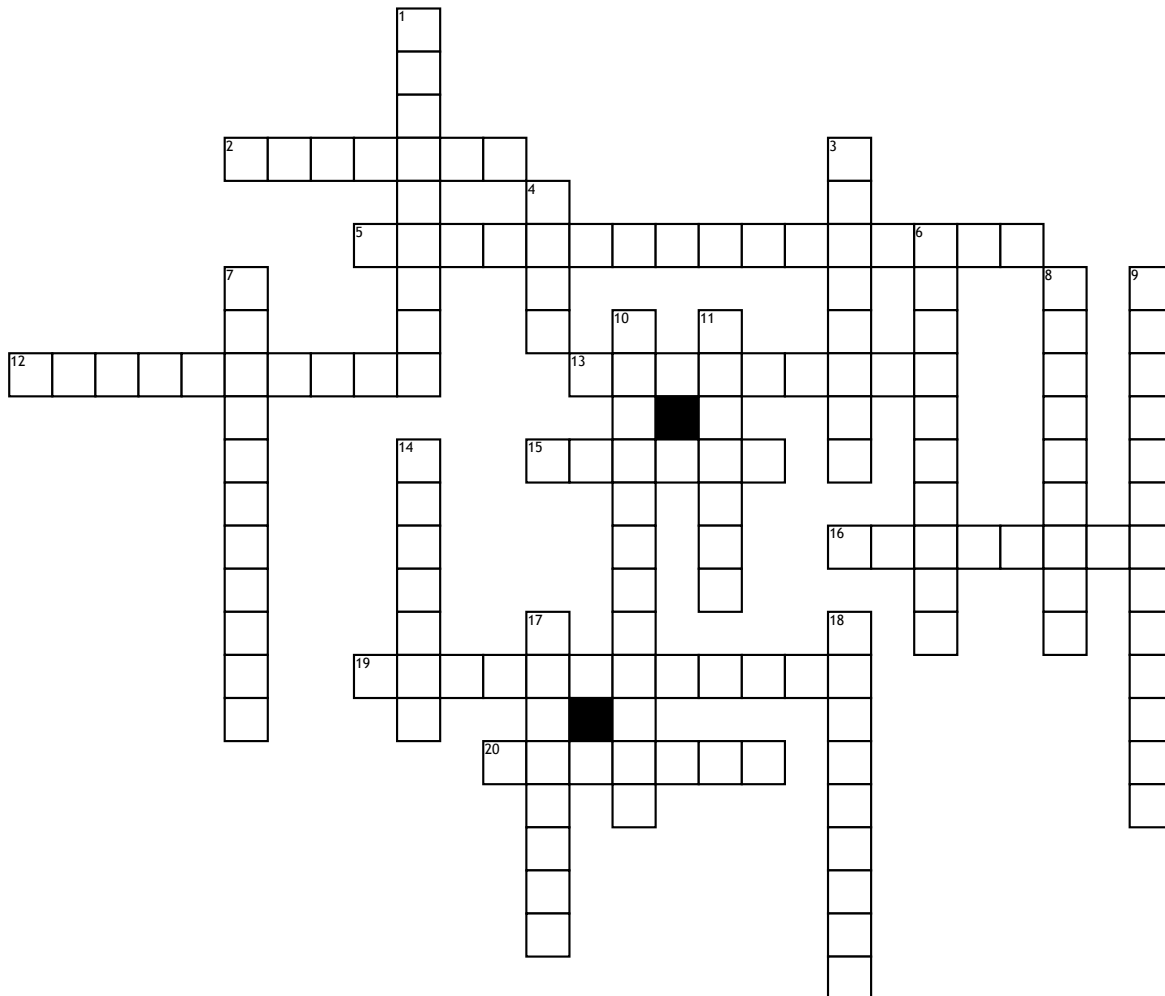


Name: _____ Date: _____ Period: _____

Science crossword



Across

2. a cell that contains both sets of homologous chromosomes
 5. Two copies of a duplicated chromosome attached to each other
 12. A term used to refer to chromosomes that each have a corresponding chromosome from the opp. sex parent.
 13. 2ND stage mitosis the chromosomes line up alone midline of dividing cell. , the stage in mitosis or meiosis in which the duplicated chromosomes line up along the equatorial plate of the spindle
 15. One of the numbers of the different forms of a genes.
 16. 3rd phase of mitosis in which chromosomes separate at the centromere and slowly move centromere first toward opposite poles of dividing cell.

19. a chart that shows all the possible combinations of alleles that can result from a genetic cross

20. type of cell division that produces four cells, each with half as many chromosomes as the parent cell

Down

1. The division of the cytoplasm of the cell. Cyto= Cytoplasm
 3. The FIRST STAGE of mitosis & meiosis, characterized by shortening of chromosomes -copied DNA coils into chromosomes.
 4. The DNA for a trait
 6. the period in the eukaryotic cell cycle when the cell is not actually dividing. DNA replicates
 7. The likelihood that a particular event will occur

8. Cell membrane moves inward to create two daughter cells - each with its own nucleus with identical chromosomes.

9. Special microtubules made of proteins which connect to centromeres and pull apart chromosomes.

10. The reproduction of cells

11. A cell that only contains one set of chromosomes.

14. a part of the cell containing DNA and RNA and responsible for growth and reproduction

17. the transmission of traits from parents to offspring

18. An ordered sequence of events in the life of a cell