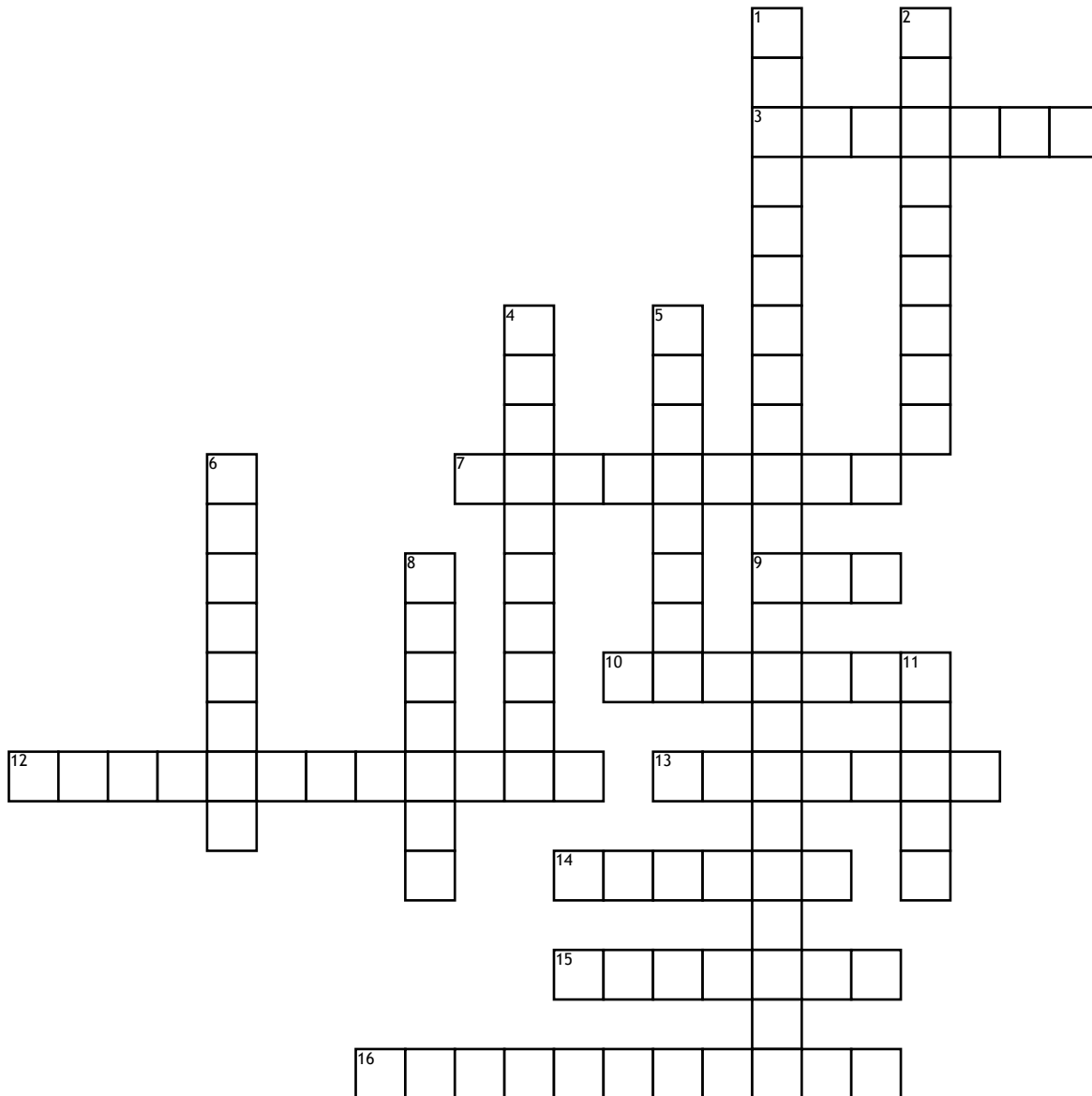


Mol Bio Set 2



Across

3. A cell that contains sets of paired chromosomes. (2n)
 7. Chromosomes line up in the middle of the cell
 9. Female gamete
 10. Cell's division of the nucleus. Final product is 2 cells that are exactly like the parent cell; occurs in somatic (body) cells
 12. exchange of genetic material between homologous chromosomes during prophase I of meiosis

13. haploid cell such as an egg or sperm. Gametes unite during sexual reproduction to produce a diploid zygote.
 14. Fertilized egg cell
 15. Cell's division of the nucleus. Final product is 2 cells that are exactly like the parent cell; occurs in somatic (body) cells
 16. Division of the cytoplasm during cell division

Down

1. Interphase - PMAT - Cytokinesis/Interphase - PMAT1 - PMAT2 - Cytokinesis

2. After the chromosomes separate, the cell seals off; Final Phase of Mitosis.
 4. A period between two mitotic or meiotic divisions during which the cell grows and copies its DNA
 5. Chromosomes become visible, nuclear envelope dissolves, spindle forms
 6. Chromatids are pulled apart toward the poles (ends) of the cell
 8. Having a single set of unpaired chromosomes (half the normal diploid #); represented by "n"
 11. Male gamete