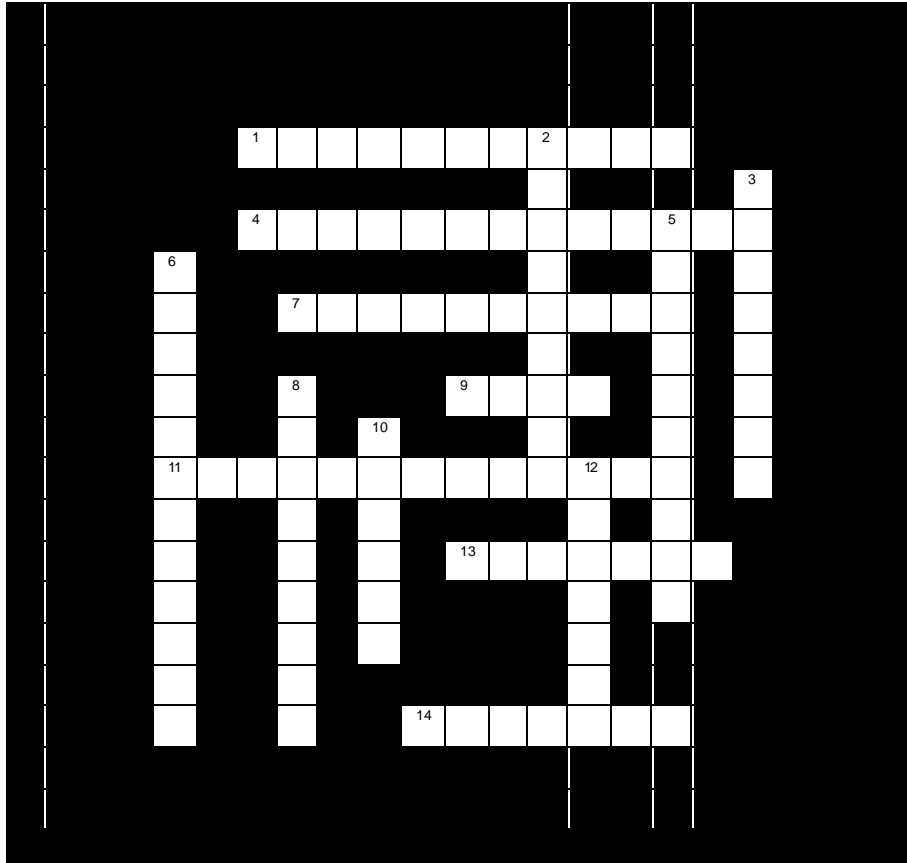


CHAPTER 5 CROSSWORD



Across

- 1 typically a cavity or groove complementary in shape to a ligand
- 4 a compact and stably folded region of polypeptide
- 7 stable rod like structure formed by two alpha helices wrapped around one another
- 9 the maximum rate of an enzymatic reaction attained immediately after addition of the substrate at saturating levels
- 11 enzyme which transfers a phosphate group from ATP to a specific sequence by peptide bonds
- 14 part of a larger unit

Down

- 2 gives each amino acid its unique properties
- 3 protein formed by B lymphocytes
- 5 binding site, not for substrate
- 6 e.g. myosin and kinesin. Use energy from ATP to propel itself

- 8 a rigid flat structure in a Protein formed by hydrogen bonds
- 10 molecule such as a hormone or a neurotransmitter that binds to a specific site on a protein
- 12 molecule recognized by and bound specifically to an antibody molecule