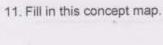
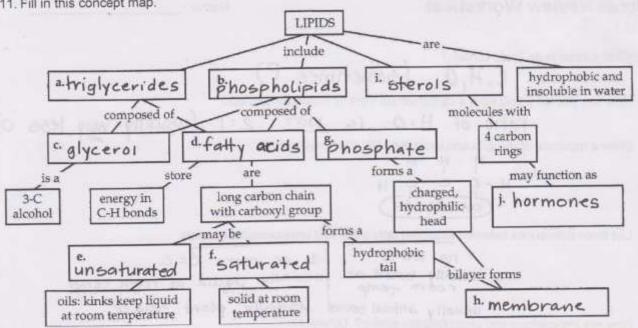
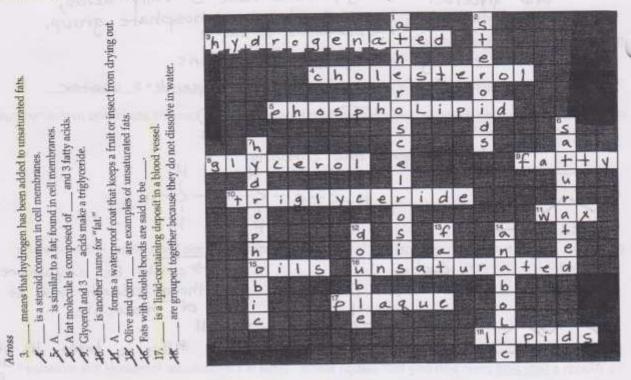
Li	pids Review Worksheet Name:
	What elements do lipids contain? C, H, O (Sometimes P)
2.	How can you tell a lipid from a carbohydrate from its molecular formula? ratio of H: 0 is NOT 2:1 (USually way 1855 0)
3.	Draw a molecule of glycerol and circle the –OH (hydroxyl) groups. H H H H H - C - C - C - H OH OH OH
4.	List three differences between saturated fatty acids and unsaturated fatty acids.
	no C=C 1 or more C=C usually solid at usually liquid at room temp
5.	How are triglycerides and phospholipids similar? Different?
	both form through condensation rxn between fatty acids and glycerol. Triglycerides have 3 fatty acids; phospholipids have 2 plus a phosphate group. Name two examples of steroids.) Synonymous w/ steroi
-	cholesteral; estrogen, testosterane
7.	Complete the equations: 3 fatty acids + 1 glycerol → 1 triglyceride + 3 water
8.	Sketch a hydrocarbon molecule that is a straight chain, containing five carbons atoms and twelve hydrogen atoms, molecular formula C5H12.
7	Sjust hydrogens and carbons H H H H H
	- okeletal H H H H H
9.	Sketch another five-carbon hydrocarbon, but this time include one double bond. What is the molecular formula of this molecule? C5H10 > could be anywhere,
	H H H H although usually not at enc





12. Review the structures and functions of lipids by completing the following crossword puzzle. You may not know every term, but do your best!



is when lipid-containing deposits block blood vessels. Animal fats are said to be _____ Lipids are water-avoiding, or _ substances. bonds than saturated fats. 12. Unsaturated fats contain more_ is a large molecule whose main function is energy storage. __ steroids are dangerous variants of testosterone.