Lipids

1.	Recall the structure of a saturated acid. Draw one here:			
2.	Sometimes, acids are saturated which means there is at least one bond			
	between atoms. If there is only one bond, it is called a			
	fatty acid. When there are more than one, it is called			
3.	There are two isomers of acids called and Sketch them below to			
	compare them:			
4.	The isomer is more dangerous for your health than fats. We know			
	this because fats have been found in arterial of people who suffer from			
	heart disease.			
5.	The formula for body-mass index is:			
J.	The formula for body-mass mack is.			
	The range for underweight is less than, normal weight ranges between and			
	Over-weight ranges between and Obesity is generally considered to be over			
	A is an easier way of making the calculation by simply using a ruler.			
6.	If 3 fatty bond to one molecule, the resulting molecule is called a			
	reaction because a polymer is being			
	formed from This means is released.			

7.	If 2 fatty bond to a	and a, t	the resulting molecule is		
	called a	This molecule is crucial for f	orming the bilayer.		
8.	Another category of fats are	These are molecules with	fused rings. There are		
	four important examples:		J		
	and You do not nee	d to know their detailed structur	e.		
9.	Lipids are a better way to store th	nan in	form. This is because		
	lipids are because they	store more po	er gram. However, they take		
	to break down.				

Need a little help? Here are the words to fill in. Some appear more than once.

un acids plaques energy mono phosphate water carbon glycerol carbohydrate steroid cis trans
4 unsaturated saturated nomogram 18.5 24.9 29.9 30 25 condensation monomers triglycerides