		bdominal wall.			
2) Describe	the fascicle arraig	gnment of the m	nuscles of the ab	dominal wall. Ho	w do they rel
one anothe	ι;				

3) Lifting weights is an activity that many people do to increase their strength and muscle size. But what does that mean? Describe your body's physiological and anatomical response in 3-5 sentences.	
4) Botulism is a rare but serious paralytic illness caused by a nerve toxin that is produced by the bacterium <i>Clostridium botulinum</i> . Botulism intoxication can be fatal and is considered a medical emergency. Botulism toxin blocks the release of acetylcholine.	
A. Discuss how the events that occur at the neuromuscular junction and during excitation-contraction coupling would change in a person with botulism intoxication. Please include all events up through the sarcomere shortening and contraction.	
B. What symptoms do you think a physician will look for?	

5) Using the diagram, draw the muscles of the shoulder that protract and retract the humerus.

