

How is an Oreo Cookie like a Section of the Cell Membrane?

1. Examine your Oreo cookie. Next study your drawing of the cell membrane (). Think about how the cell membrane and your cookie are similar.
2. Dip your cookie in the milk. Again, think about how the cell membrane and your cookie are similar.
3. Answer the following questions and label the cookie picture.
4. EAT YOUR COOKIE!

Questions:

1. An Oreo is a bilayer of _____ just like the cell membrane is a bilayer of _____.
2. What part of the Oreo absorbed the milk? _____
3. What part of the Oreo would not absorb the milk? _____
4. What part of a phospholipid molecule is most similar to the black cookie part?

5. What part of a phospholipid is most similar to the white filling? _____

6. If you shoved a jellybean through the top of your cookie so that it stuck out on both sides, the jellybean would resemble what part of a cell membrane?

Label the arrows below with these 2 terms: **polar region**, & **nonpolar fatty acids**

