

Name: _____

Biology (Fall)
LP 2, Day 4

Step 7: What 3 molecules cannot easily pass through the membrane? Record why for each.

Molecule 1	Molecule 2	Molecule 3

What does polar mean?

Step 8: Insert channel proteins into the membrane. Transport substances across the membrane.

Note: You can only transport substances using channel proteins until there were

_____. What is this process called? _____

Step 9: Moving from _____ to _____ concentration requires the use of energy to _____

substances. This is called _____ transport and uses: (place answer in table)

1. _____	2. _____ Which is cell _____
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Step 10: Carbohydrates are like identification badges. Cells that have different membrane

carbohydrates do different _____. The immune system uses the carbohydrates to

_____ that your cells belong to _____ and are not _____,

_____, or other foreign cells.

What does the immune system do to foreign invaders? _____

What kind of cell does this? _____