Exercise 11.2 Nucleophiles and Electrophiles

1.	Fill in each blank with either "nucleophile" or "electrophile", as appropriate.
	In organic chemistry, a(n) is an electron pair donc
	and a(n) is an electron pair acceptor. Th
	may contain a leaving group, a group that mus
	leave so that an atom in the can form a new bond
	When we use curved arrows to show the movement of electrons in a reaction
	the arrows show the flow of electrons from thet
	the This means that the arrow drawn betwee
	these two reactants points from an atom or bond in th
	to an atom in the

2.

- (a) Give an example of a nucleophile that is a neutral molecule.
- (b) Give an example of a nucleophile that is an ion.
- (c) Give an example of an electrophile that is a neutral molecule.
- (d) Give an example of an electrophile that is an ion.