Fill out how many protons, neutrons, and electrons each atom has using the information given. Then draw the electrons in each shell, remembering that the first shell can hold 2 electrons, the second can hold 8 electrons, and the third can hold 18 electrons. Finally, answer the questions at the bottom.

Atomic No: 2
Mass No: 4
Protons: 2
Neutrons: 2
Electrons: 2

Atomic No: 10
Mass No: 20
Protons: 10
Neutrons: 10
Electrons: 10

Atomic No: 1
Mass No: 1
Protons: 1
Neutrons: 1
Electrons: 1

Atomic No: 9
Mass No: 19
Protons: 9
Neutrons: 9
Electrons: 9

Atomic No: 11
Mass No: 23
Protons: 11
Neutrons: 11
Electrons: 11

Which elements would be most likely to lose electrons in a chemical bond? ______

Which elements would be most likely to gain electrons in a chemical bond? ______