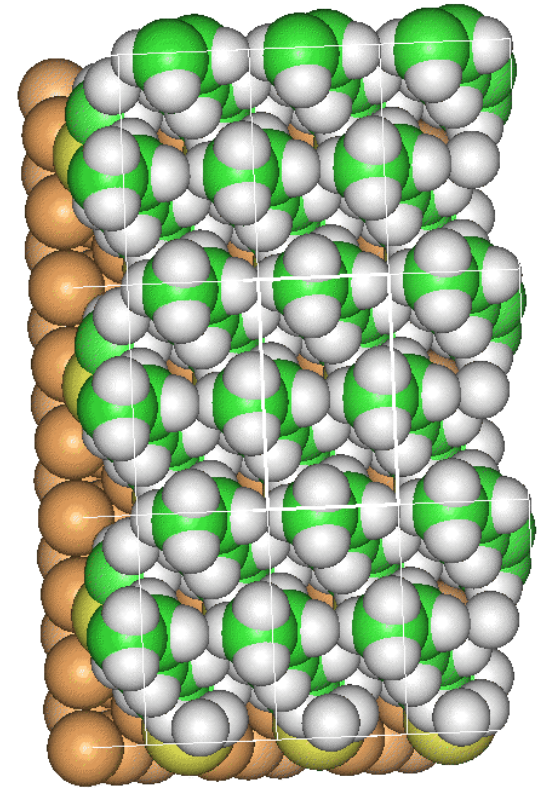
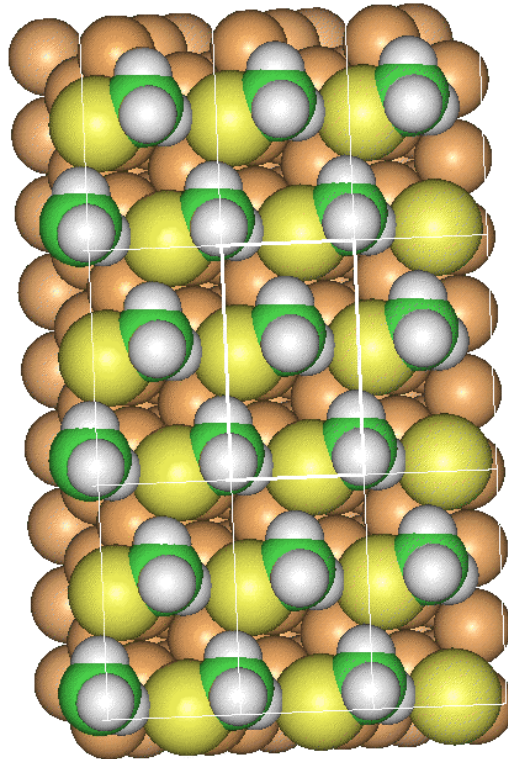
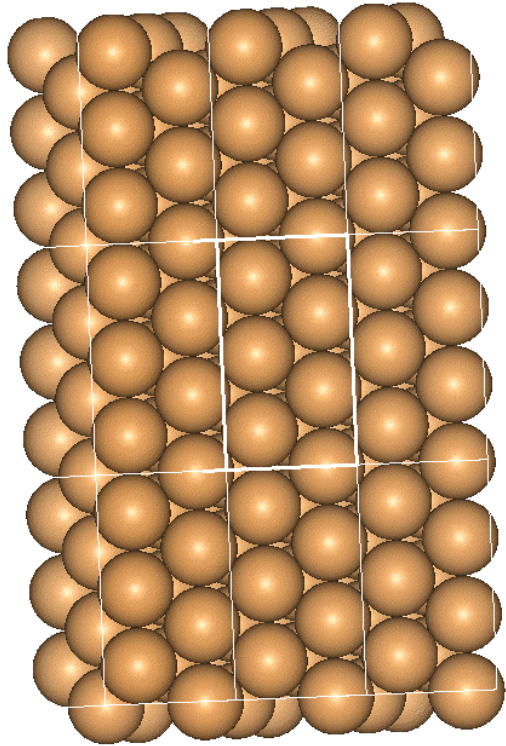


How many C atoms in a SAM?



How many C atoms in a SAM?

How many atoms of carbon are present in a self-assembled monolayer that is 1.4 nm thick and has a density of 1.25 gm/cm³. [NOTE: We are considering the thickness to include only the hydrocarbon part and you may assume an area of 1 cm².]