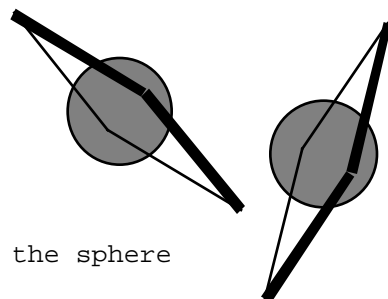
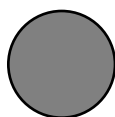


Does a sphere have a plane of symmetry?

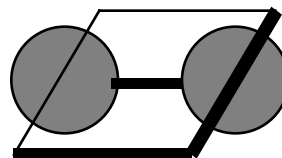
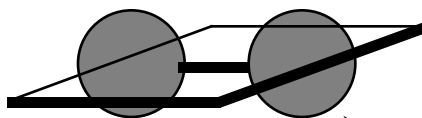
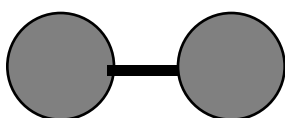
YES, an infinite number of planes



this plane can be placed any where about the sphere

Do a these bonded spheres in this diatomic molecule have a plane of symmetry?

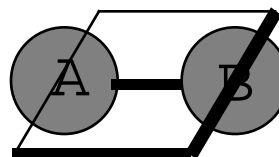
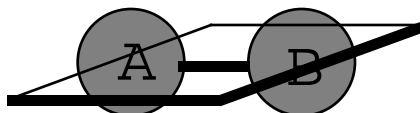
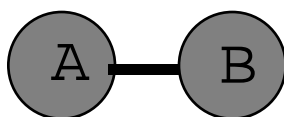
YES, an infinite number of planes



bottom half of sphere is the same as the top half

Do a these bonded spheres in this diatomic molecule have a plane of symmetry?

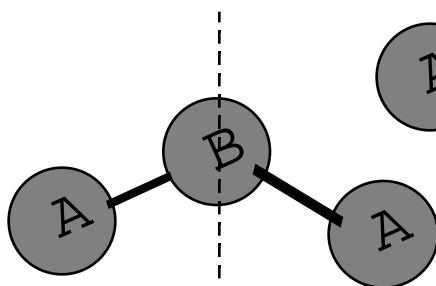
YES, an infinite number of planes



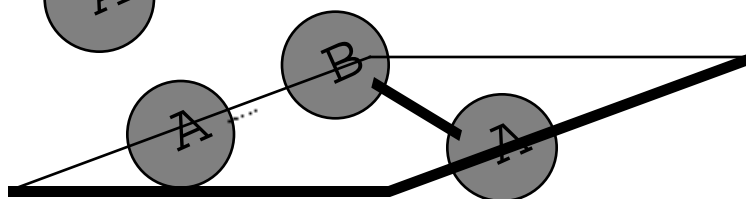
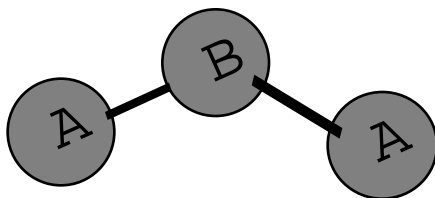
bottom half of sphere is the same as the top half

Does a these bonded spheres in this planar molecule have a plane of symmetry?

YES, an TWO planes



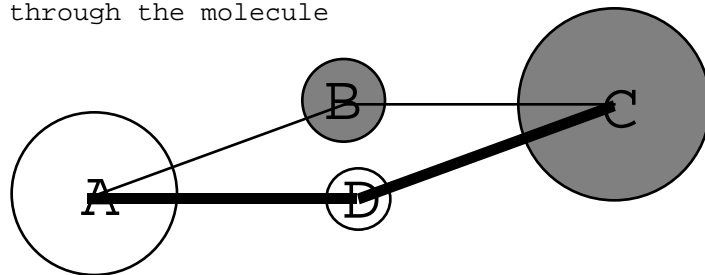
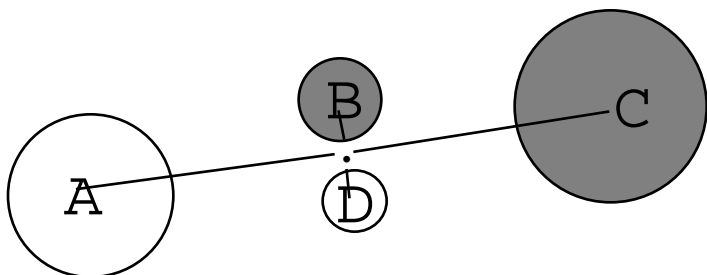
this plane splits molecules



this plane splits atoms in this planar molecule

Does this SQUARE PLANAR COMPLEX with four different atoms have a plane of symmetry?

YES, only ONE plane, the plane which splits through the molecule



bottom half of sphere is the same as the top half