

I₄- Identify the Shapes of these Molecules Worksheet:

For these molecules identify the basic VSEPR shapes using the provided refcode. Draw your answer in the box provided and name the

TOP TIP!

When looking at some crystal structures on the database sometimes there will be 2 species on a refcode. however, you may only need to look at one of them. The two species are ions: one is a positive ion and the other is a negative ion. So there always has to be a positive & negative ion. It is not possible to have one ion without the opposite 'counter ion'.

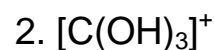


www.flickr.com/photos

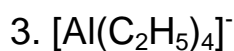


Refcode: *HIWQEJ*

Use the same refcode
to work out the first 2
shapes.



Refcode: *HIWQEJ*

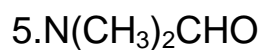


Refcode: *LIALET01*



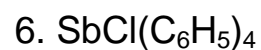
Refcode: *FIGKOV*

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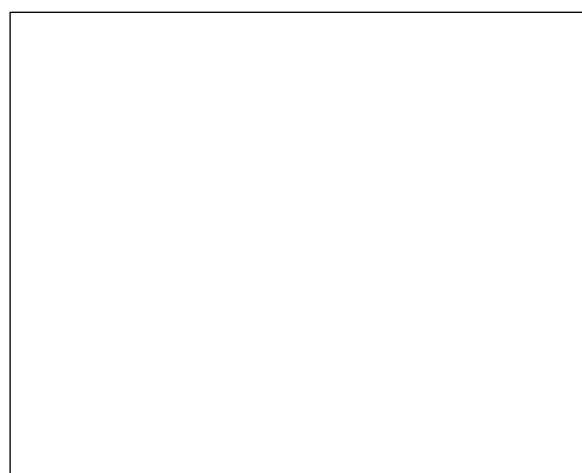
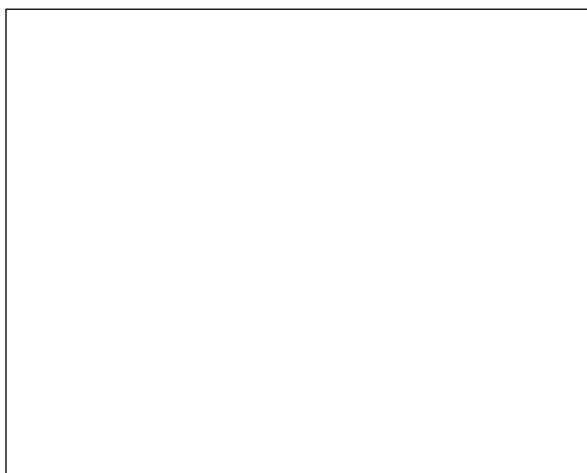


Refcode: *ABEQEF*

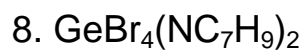
Concentrate on
the smaller
molecule
besides the
larger one.



Refcode: *BEJFIF*



Refcode: *QIRHUU*



Refcode: *BOMQOJ*

