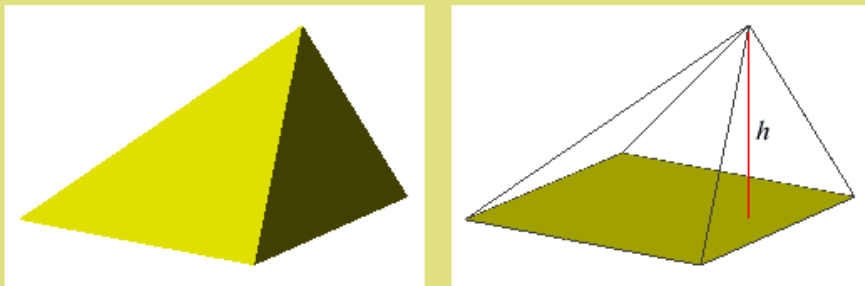


To Create An Oblique Pyramid:

- What is an "Oblique Pyramid?"

Oblique Pyramid

A pyramid with an apex that is not aligned above the center of the base.



Solid view: oblique pyramid with a square base

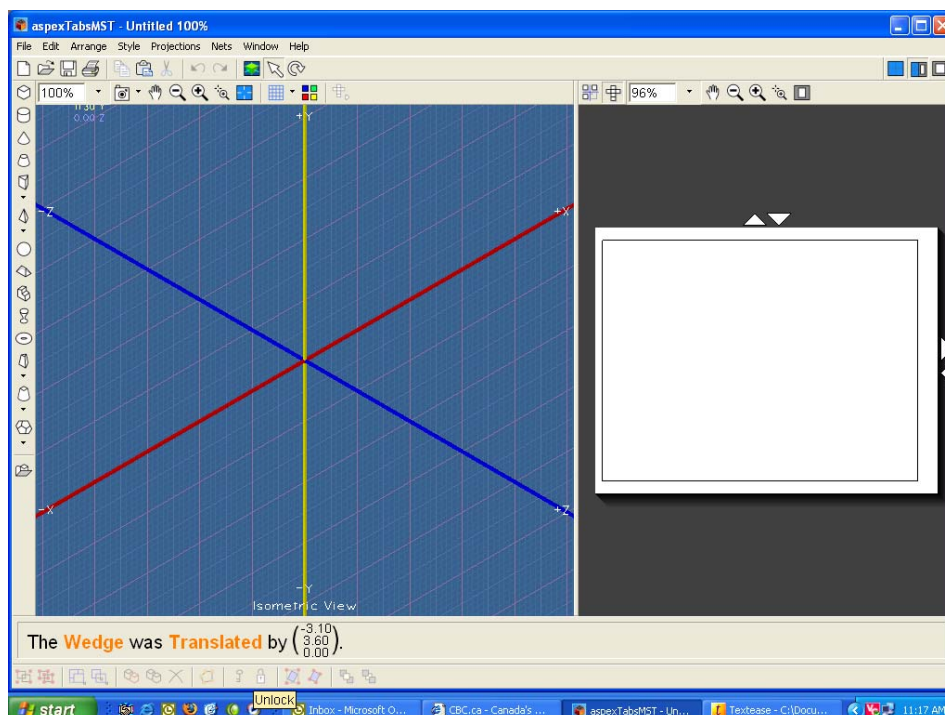
Frame view: oblique pyramid with a square base

$$\text{Volume} = \frac{1}{3}Bh$$

h = height of the pyramid
 B = area of the base

aspexTabsMST is perfectly suited to create any geometric shape, including **OBLIQUE PYRAMIDS**.

Now open aspexTabsMST 3D Design & Mathematics:

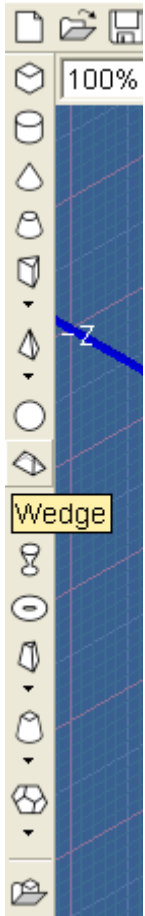


The opening screen shows the blue EDIT screen with the three axis (x, y and z), and on the right the OUTPUT SCREEN.

All operations take place in the EDIT screen.

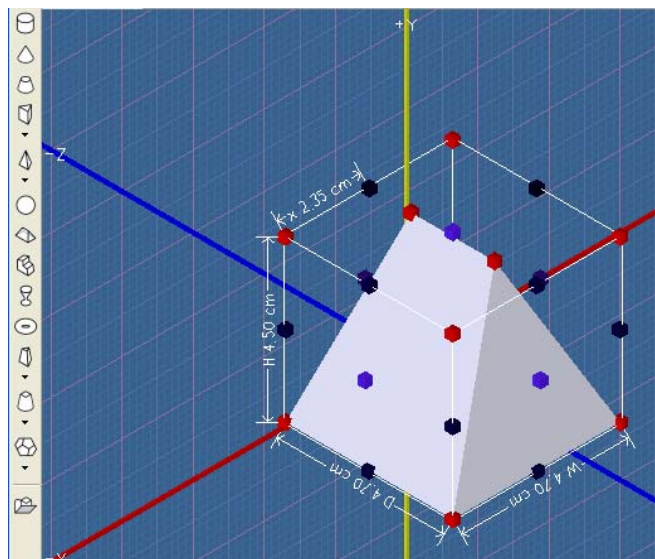
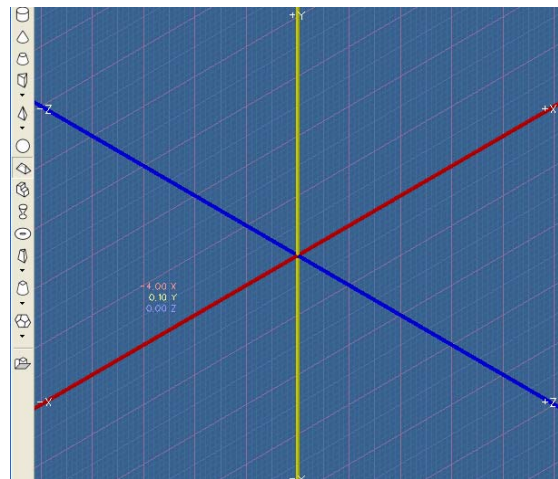
On the left you can see a vertically arranged row of geometric SOLID shapes.

Move the cursor down along the display those shapes until you find the one called **WEDGE**.



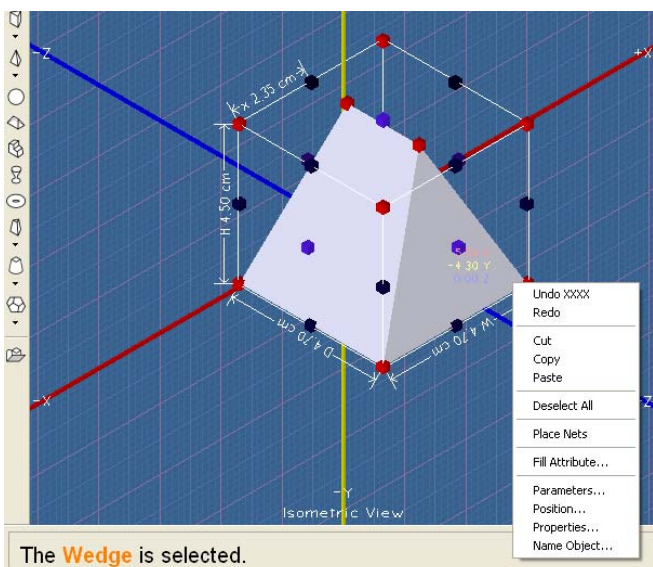
Click on it and then move your cursor to the right over the blue EDIT screen to the position shown on the right.

Now click, hold down the cursor and drag it along the x-axis (in red) and up along the y-axis (yellow). See below.

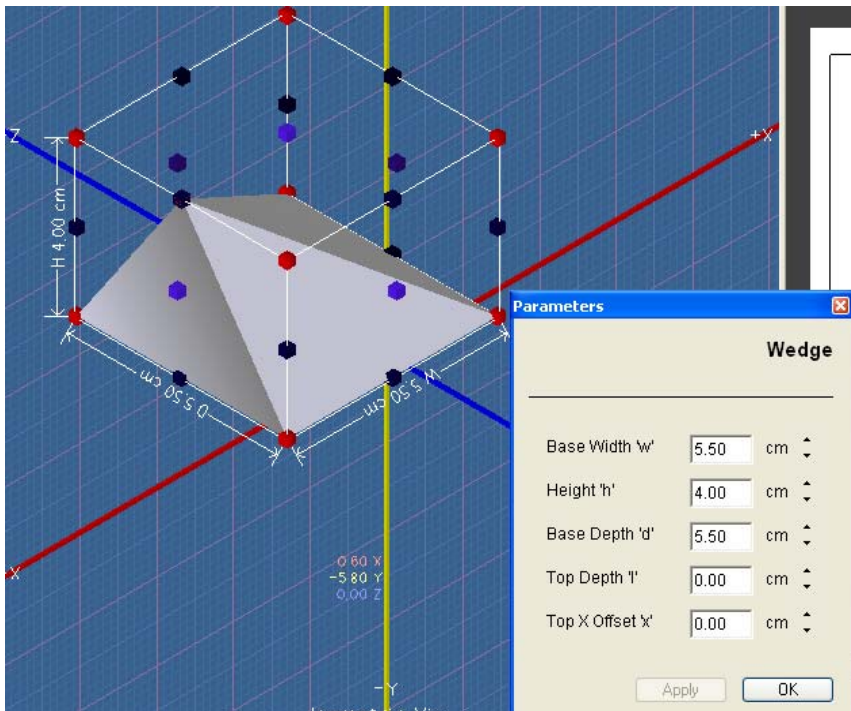


Do not worry about the correct dimensions (all dimensions should be set in METRIC). We will adjust them in the next step.

Your **WEDGE** should look something like the one on the left.



Next we will adjust the dimensions to create an **OBLIQUE PYRAMID**. Select "Parameters" which will allow you to give the wedge precise dimensions and convert the wedge to an oblique pyramid.



Now adjust the dimensions to what see on the left:

Base Width: 5.50 cm
 Height: 4.00 cm
 Base Depth: 5.50 cm
 Top Depth: 0.00 cm
 Top X Offset: 0.00 cm

Then click on :Apply

You have created an oblique pyramid.

Of course, you can place colors and graphics if you wish.

