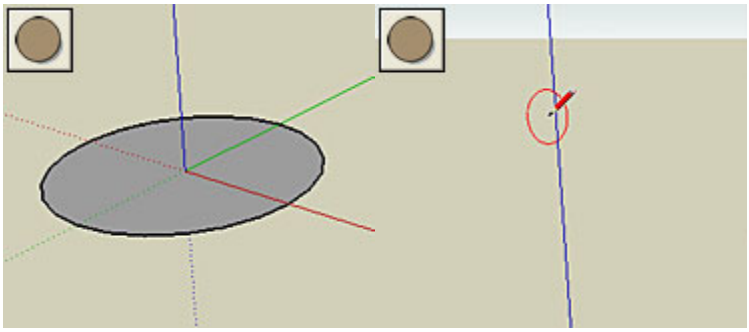
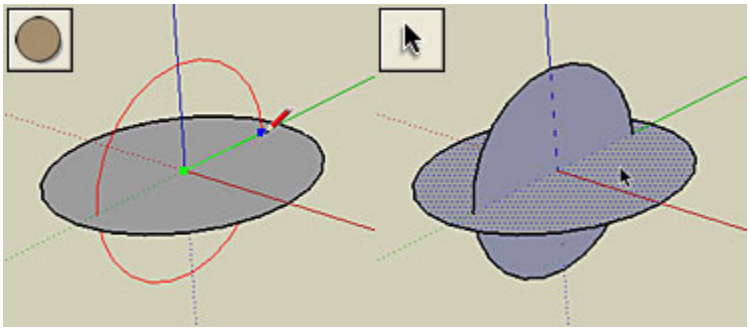
Here's the easiest way to draw a sphere

Here's a step-by-step manual method you can use:

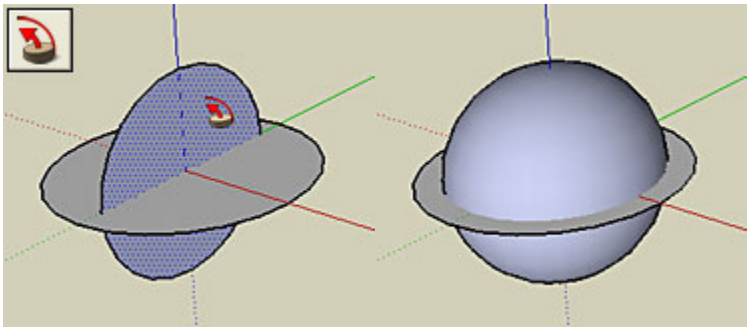
1. Use the Circle tool to draw a circle on the ground plane. The first time you do this, you'll find it easiest if you start your circle at the origin point (the point where the red, green, and blue axes intersect). With the Circle tool still selected, hover way out along the top edge of the drawing until the circle cursor turns red or green, and then press and hold the Shift key to lock that inference direction (both of these inference directions are perpendicular to the ground plane).



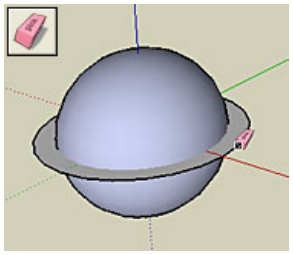
2. With the inference direction locked, draw a second circle inside the first, but make it a little smaller than the first. Then use the Select tool to select the face of the first, larger circle.

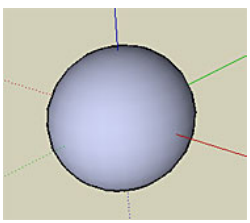


3. Select the Follow Me tool (on the "Tools" menu, click "Follow Me"), and then click the face of the second, smaller circle. A sphere should result.



4. Use the Erase tool to erase a point on the edge of the first, larger, circle. That circle should be entirely erased, leaving the full sphere.

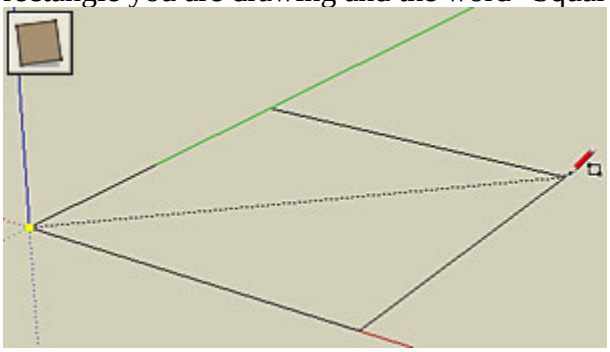




How do I draw a pyramid (pull up a pyramidal hipped roof)?

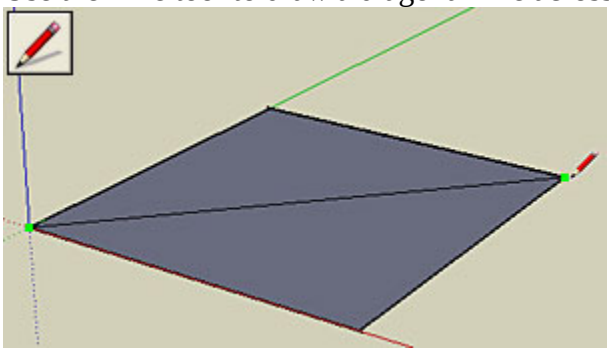
To draw a pyramid (pull up a pyramidal hipped roof):

1. Use the Rectangle tool to draw a square. You can tell you have a square when a dashed line crossed the rectangle you are drawing and the word "Square" is displayed.

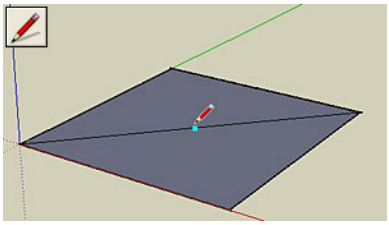


   Note: when you are drawing rectangular shape, you'll also see dashed line when the rectangle is in the shape of a golden section.

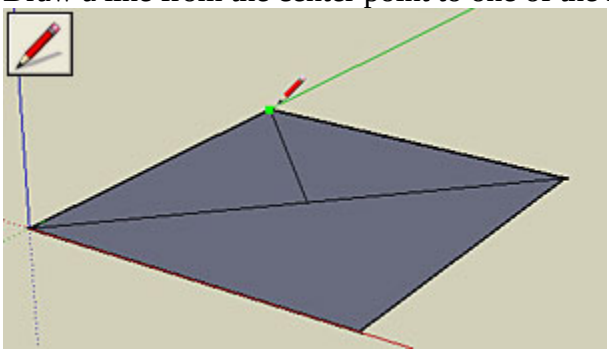
2. Use the Line tool to draw a diagonal line across the face of the square.



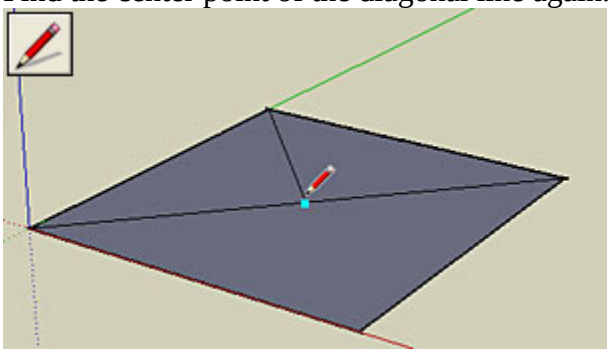
3. Hover the Line tool above the diagonal line and move it until a light blue inference point indicates the center point of the diagonal line.



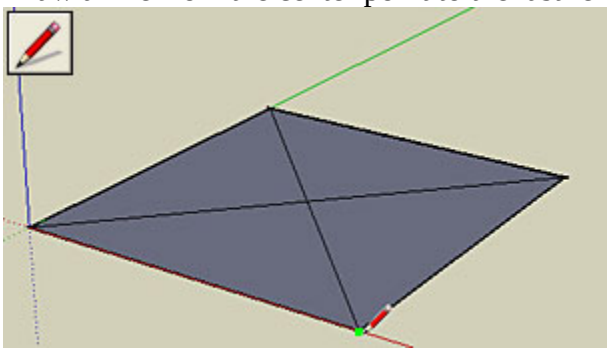
4. Draw a line from the center point to one of the remaining corners of the square.



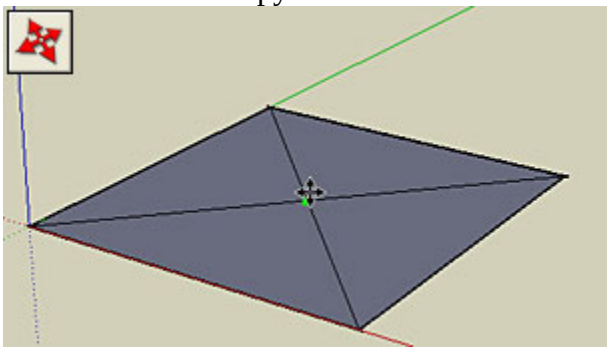
5. Find the center point of the diagonal line again.



6. Draw a line from the center point to the last remaining corner of the square.



7. Select the Move/Copy tool and hover over the center point until a green inference point is displayed.



8. Click the centerpoint, start pulling up, click the Up Arrow key to lock the move in the blue direction (up/down), continue pulling up until you reach the desired height, and then click to finish the move.