

Lesson 97 is very different than all the other lessons in this course.

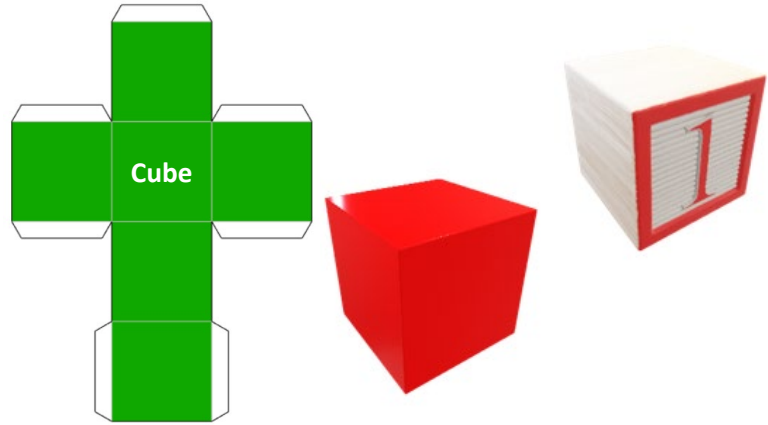
For Lesson 97 do the following:

- 1- print the pages for constructing 3D shapes
- 2- Cut out each Net
- 3- Use tape to construct each shape

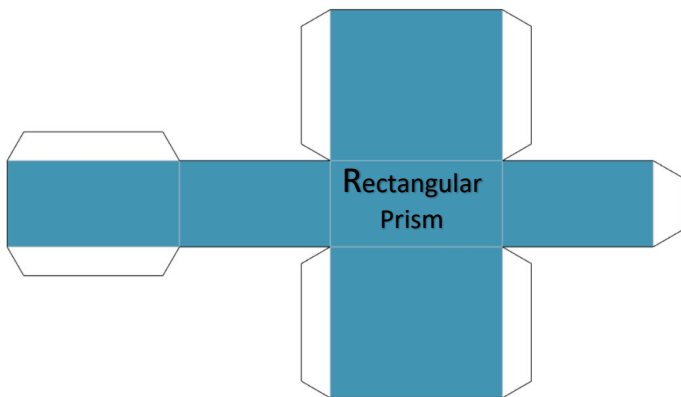
Due to the amount of time, it will take to cut and construct the 3D shapes less Practice questions are in this lesson.

I. Construct the NETS

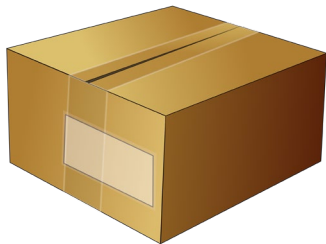
A **net** of a 3D shape is what the shape looks like when it is opened and placed flat on a plane(surface).

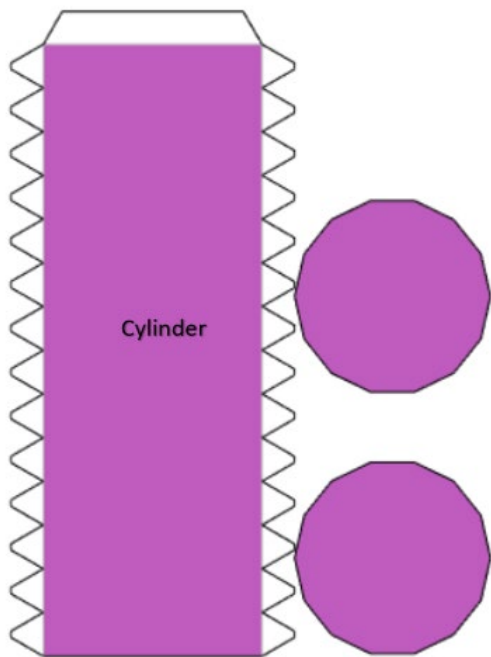


Cube: All 6 faces are squares



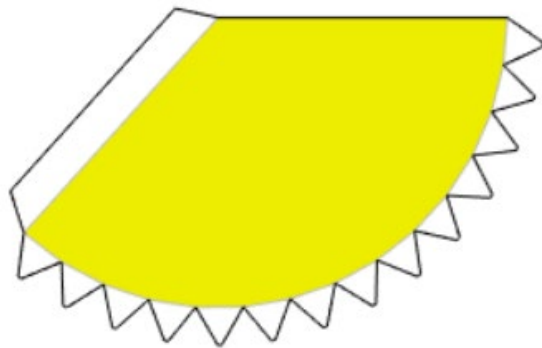
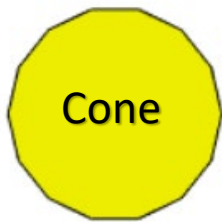
Rectangular Prism: All 6 faces are rectangles. (They are not required to be squares)





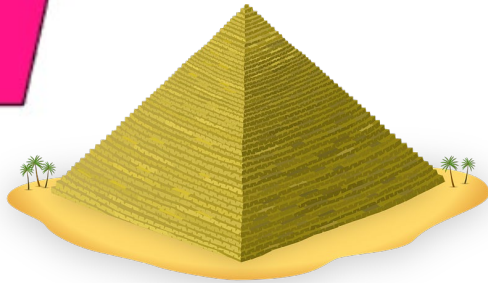
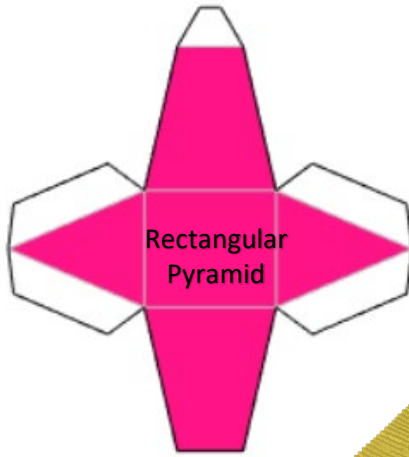
Cylinder: The top and bottom are circles (These are not really circulars – they are intentionally made this way to help you build the cylinder)



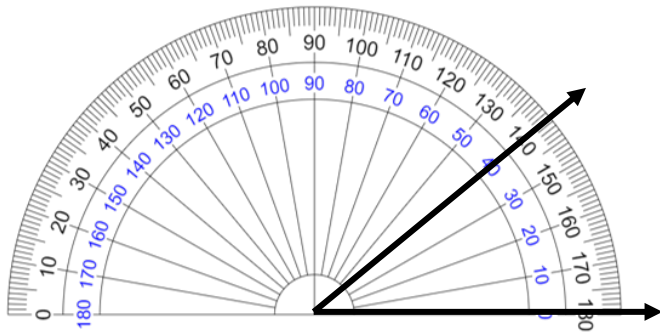


Cone: Made with one circle. The opposite end comes to a point.

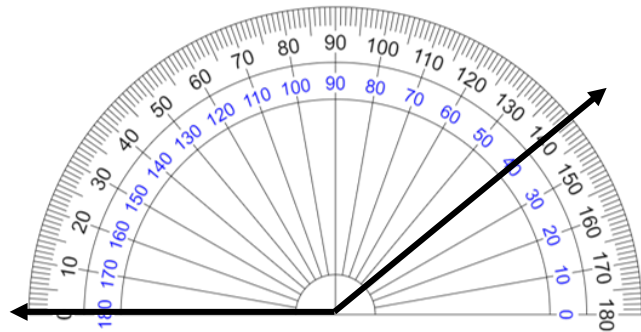




Rectangular Pyramid: The base is a rectangle, the sides come to a point at the top. (The base can be a square, a rectangle with 4 congruent sides.)

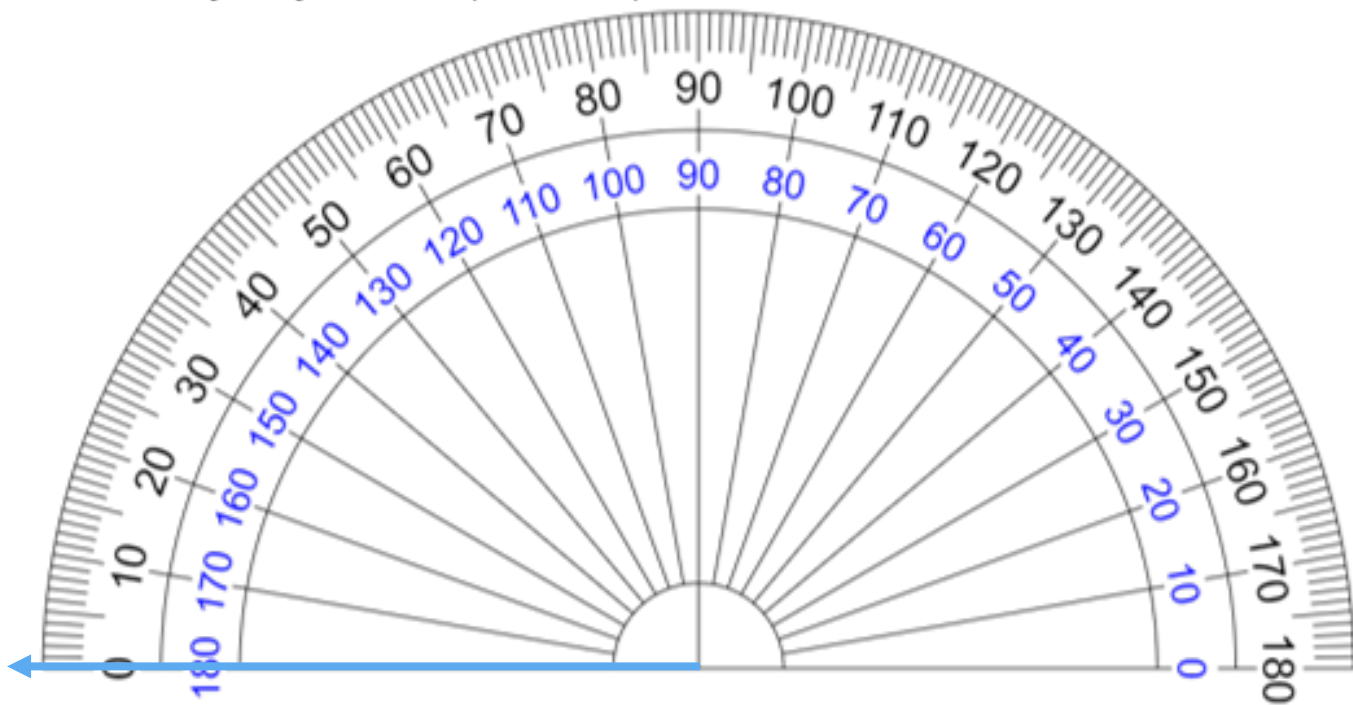


The measurement of this angle is 40 degrees.

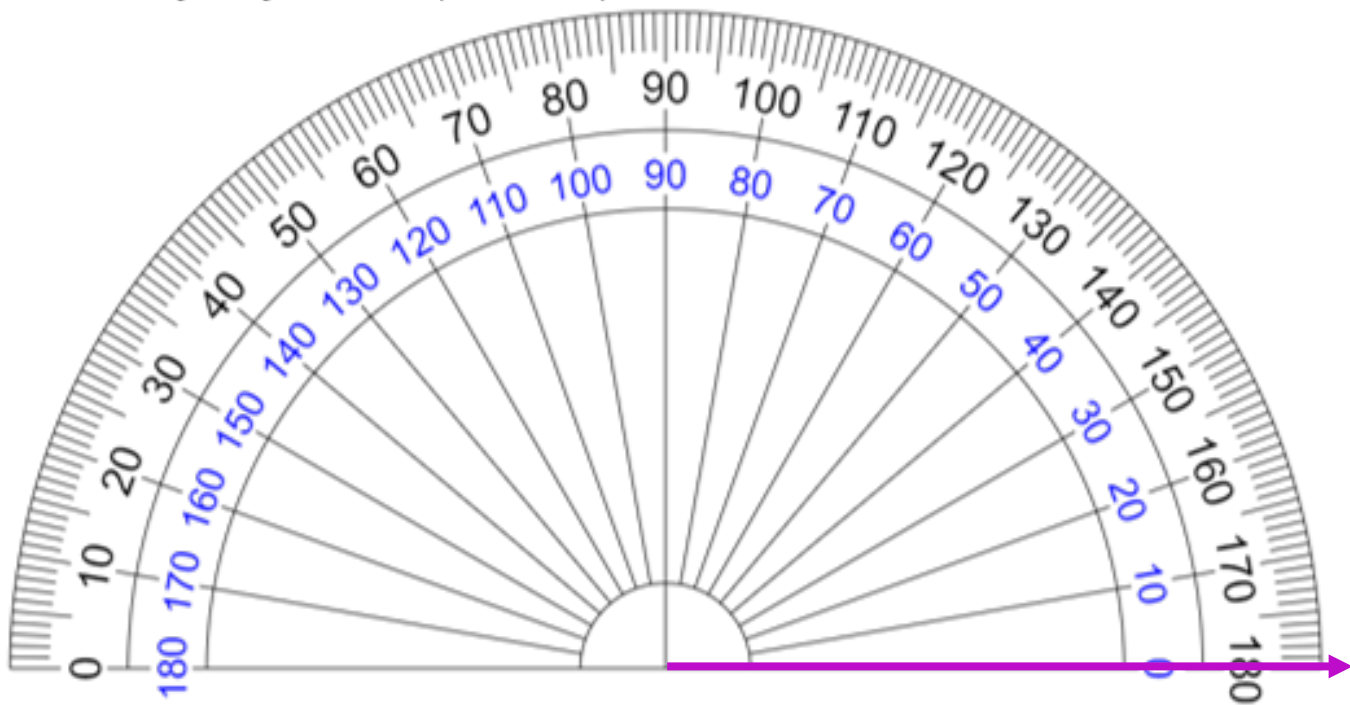


The measurement of this angle is 140 degrees.

Draw a 110 degree angle. The first ray is drawn for you.

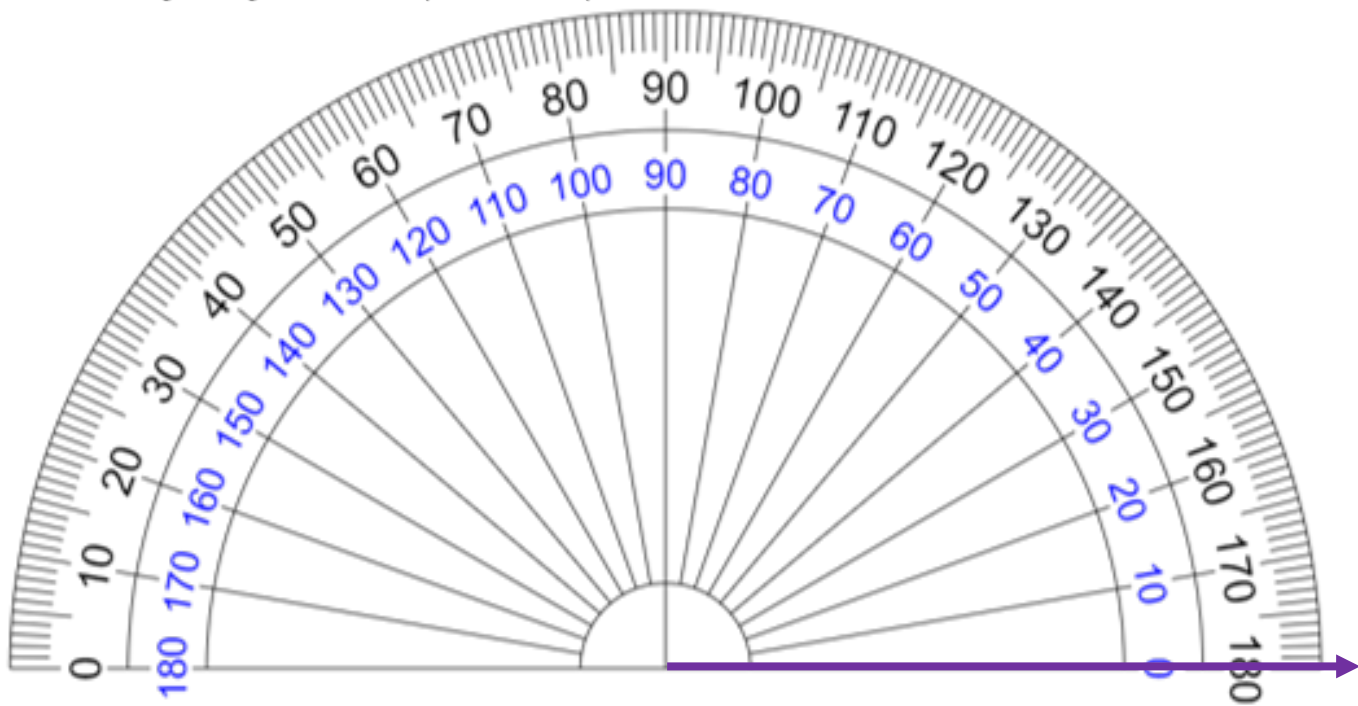


Draw a 110 degree angle. The first ray is drawn for you.

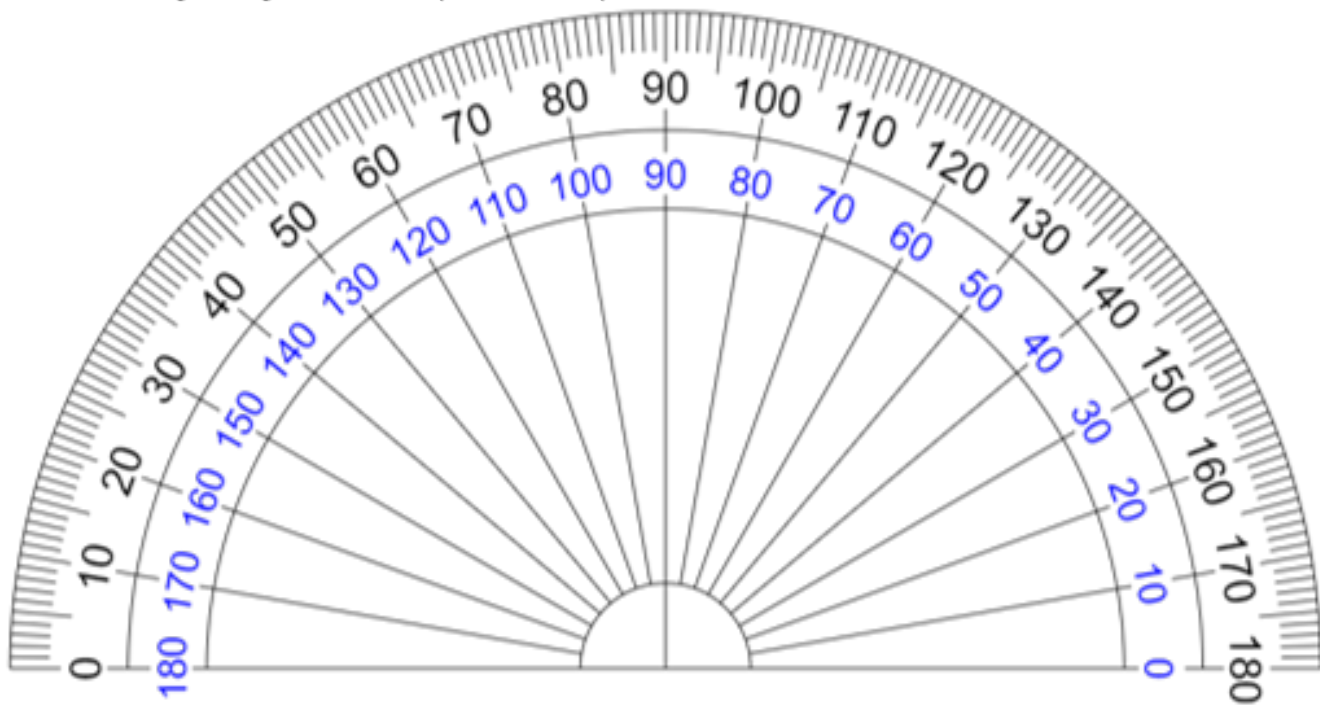


A semi-circular protractor with degree markings from 0 to 180. The 0-degree line is highlighted in red. The markings are in black, with some numbers in blue. The protractor is divided into two halves by a vertical line at 90 degrees. The left half has markings from 0 to 180, and the right half has markings from 0 to 180. The 0-degree line is at the bottom left, and the 180-degree line is at the bottom right. The 90-degree line is at the top center. The markings are in black, with some numbers in blue. The protractor is divided into two halves by a vertical line at 90 degrees. The left half has markings from 0 to 180, and the right half has markings from 0 to 180. The 0-degree line is at the bottom left, and the 180-degree line is at the bottom right. The 90-degree line is at the top center. The markings are in black, with some numbers in blue.

Draw a 75 degree angle. The first ray is drawn for you.



Draw a 110 degree angle. The first ray is drawn for you.



Draw a 110 degree angle. The first ray is drawn for you.

