

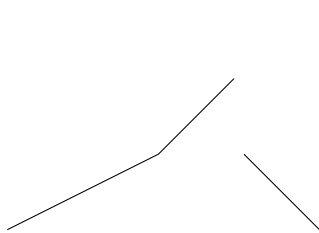
Tikz

Aditya Yadav

November 28, 2023

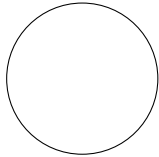
1 Drawing graphics

1.1 Drawing Lines

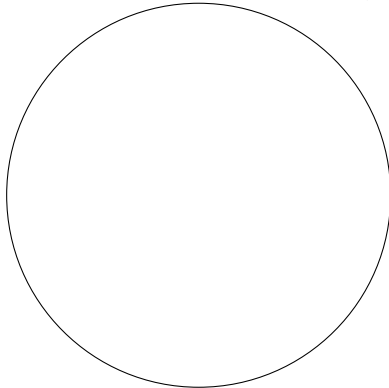


1.2 Drawing Circles

- Circle with center at 0,0 and radius 1 cm



- Another circle with center at 2,0 and radius 1 inches



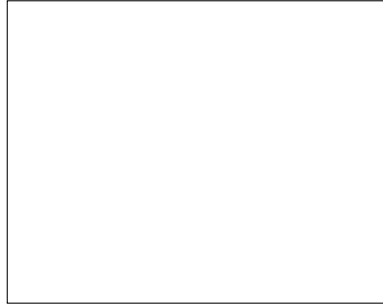
1.3 Drawing Ellipse

Ellipse with center at (3,0) and radii are 10pt and 20pt



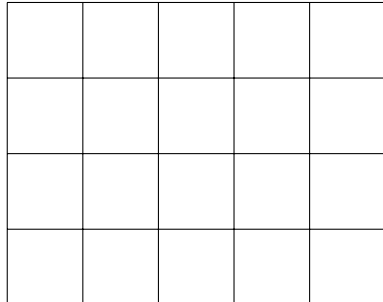
1.4 Drawing Rectangles

Rectangle with left corner at 0,0 and bottom right corner at 5,4



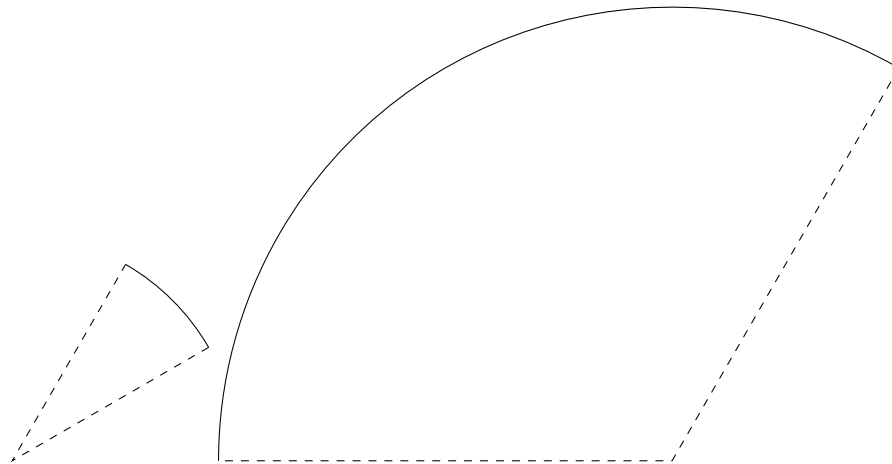
1.5 Drawing a grid

Grid with left corner at 0,0 and bottom right corner at 5,4

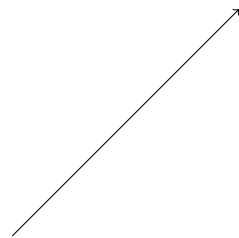


1.6 Drawing arcs

arcs have a syntax of start_angle : stop_angle : radius



1.7 Drawing an arrow



1.8 Drawing text at a position

$$f(x) = \nabla$$

1.9 Labeling a figure

