

As shown in Fig. 1, a circle can be defined by its center and radius, with the diameter and annotations added using basic TikZ commands.

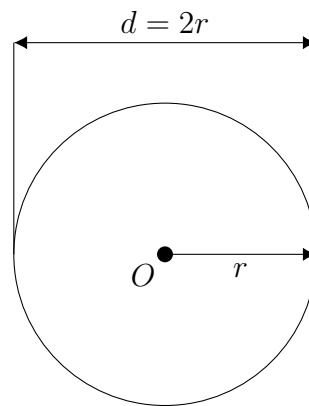


Figure 1: TikZ example: circle with radius and diameter