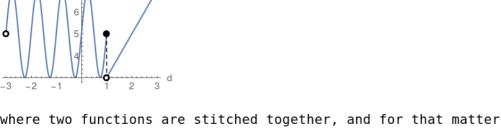
Piecewise Functions

To define piecewise means that the function values and graphs are defined over a particular and generally limited section of the d-axis

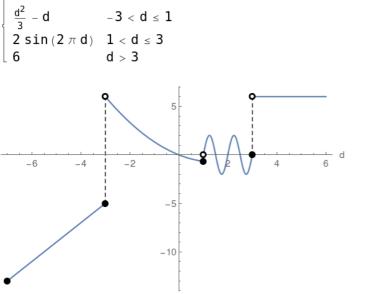


could be pieced differently i.e. swapped:

$$\begin{bmatrix} 2 d + 1 & -3 < d \le 1 \\ 2 \sin(2 \pi d) + 5 & 1 < d \le 3 \end{bmatrix}$$

 $\lceil 2 d + 1 \rceil$

More and more complicated functions could be stitched together:



 $-7\,\leq\,d\,\leq\,-3$

Solid disk corresponds to inclusion of the point or any of $\leqslant \geqslant =$ operators

Hollow disk corresponds to the exclusion or any of the < > operators