Piecewise Functions

 $[2 \sin(2 \pi v) + 5 - 5 < v < 4]$

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

-5 < v < 4

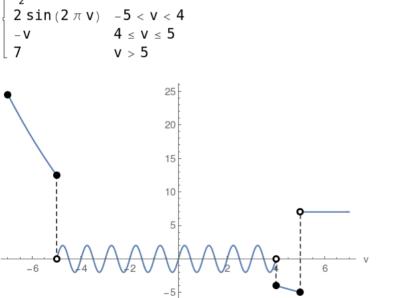
 $-7 \le v \le -5$

where two functions are placed together, and for that matter could be pieced differently i.e. swapped:

 $\lceil v^2 \rceil$

 $2 \sin(2 \pi v) + 5 \quad 4 \le v \le 5$

More and more complicated functions could be placed together:



Solid disk refers to inclusion of the point or any of < > = operators

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