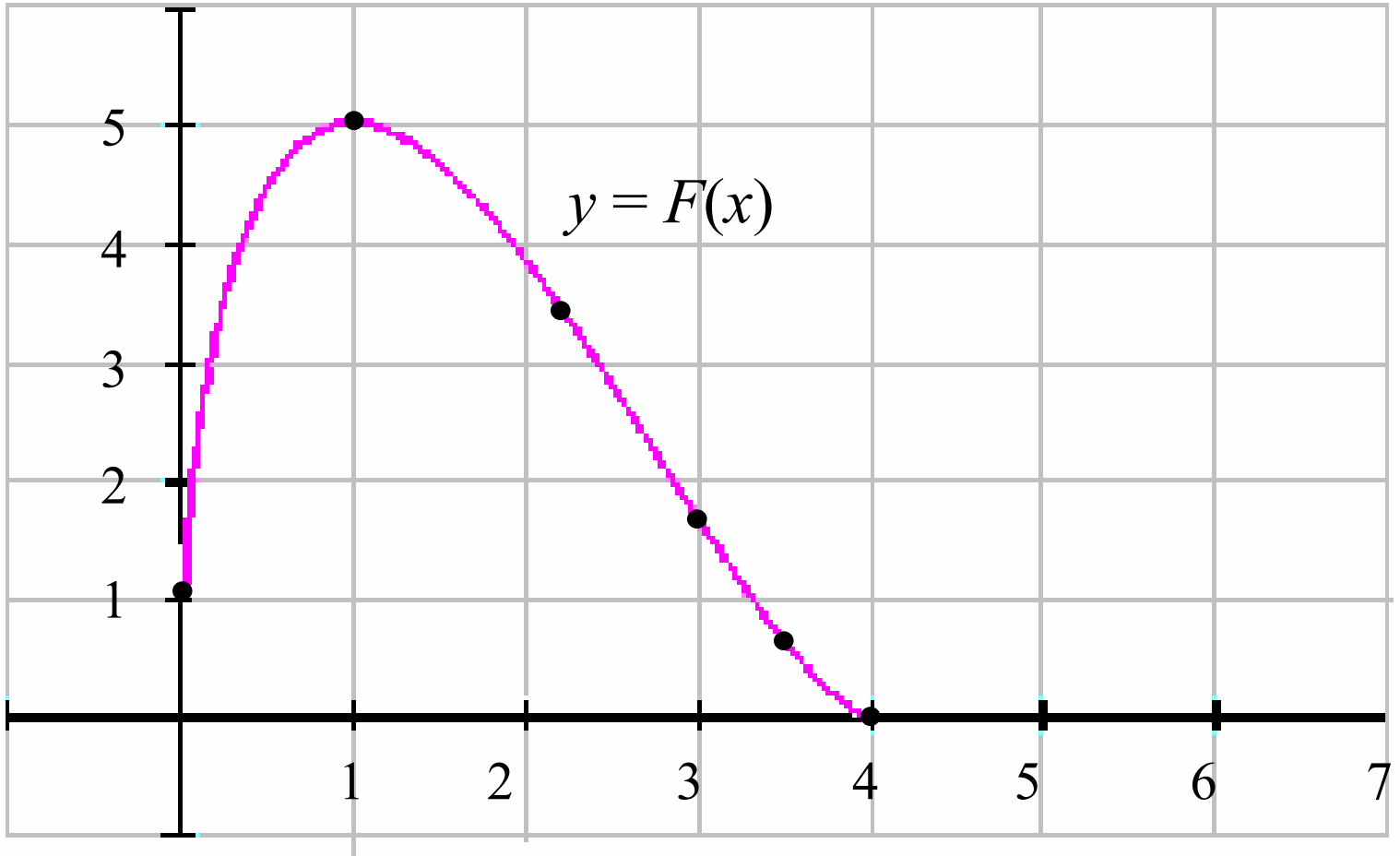


The Shadow Activity

Find the domain and range of the function F given by the graph below.



Place your pen or pencil on ANY point on the graph.

To find the domain, drop your pencil vertically down to the x -axis.

The domain is the set of all of these possible x -values.

”The Shadow Knows” (from Ostebee and Zorn)

Let lights shine vertically, from both up and down, on the graph of F .

The domain of F is the shadow thrown by the graph on the horizontal axis.

Similarly, one can find the range using the vertical axis.

Domain: _____

Range: _____