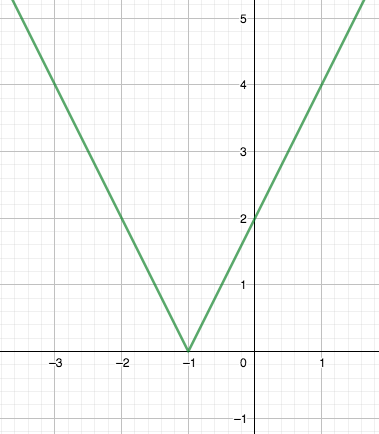
**Thinking Classroom : Piecewise Functions**

1- Graph the following function:



We say that this function is defined **piecewise.**

2- Determine the equation (defined piecewise) of the following function:



3- Imagine that a pool ball that is at point follows a trajectory described by   
 and then bounces on the *x*-axis.   
 Which equation could describe the full trajectory?

