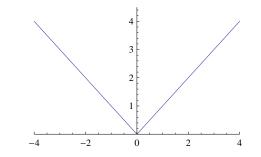
Questions on Absolute Value, or Modulus.

Recall that if $x \in \mathbb{R}$, then |x|, is the **absolute size** of x, also called the **modulus**. It can also be written as

$$x = \begin{cases} x & \text{if } x \ge 0, \\ -x & \text{if } x < 0. \end{cases}$$

From this it is easy to see that the graph is



But if this is so simple, what are the graphs of the following?