

Sketching Modulus Functions

Sketching Graphs of the form $y = |f(x)|$

- Sketch the graph of $y = f(x)$.
- Reflect in the x-axis the part of the graph which is below the x-axis.
- Finally, delete the part of the graph which is below the x-axis.

Sketching Graphs of the form $y = f(|x|)$

- Sketch the graph of $y = f(x)$.
- Delete the part of the graph which is to the left of the y-axis.
- Finally, reflect in the y-axis the part of the graph which is to the right of the y-axis.