

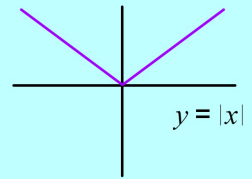
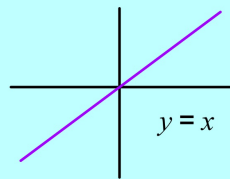
Functions

The Modulus Function

The modulus, or "absolute value" of x is denoted $|x|$ and is defined as

$$|x| = \begin{cases} x & \text{when } x \geq 0 \\ -x & \text{when } x < 0 \end{cases}$$

e.g. $|3| = 3$ $|-3| = 3$



To draw $y = |f(x)|$, reflect the negative parts of the graph in the x -axis $y = f(x)$.

e.g.

