

All Four Quadrants

6th Grade

Negative coordinates, and which signs go where.

Quadrants are numbered anticlockwise from the top right.

Quadrant	x	y	Position
I	positive	positive	top right
II	negative	positive	top left
III	negative	negative	bottom left
IV	positive	negative	bottom right

Reflecting over the y-axis flips the sign of x. Over the x-axis, it flips y.