

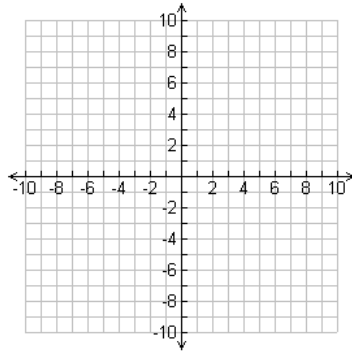
Name _____

Date _____

Graphing Complex Numbers - Step-by-Step Lesson

Graphing complex numbers:

$$-4 + 4i$$

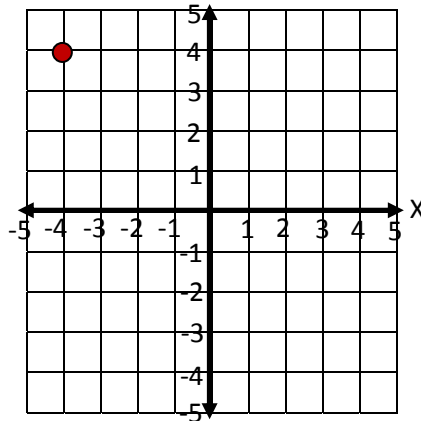


Explanation:

The x-axis on the Argand diagram is termed the real axis because it is where real numbers, e.g., the real number (-4) are plotted.

The y-axis is termed the imaginary axis because it is where imaginary numbers, e.g., $(4i)$ are plotted.

The complex number is represented by the point.



In many cases, you will be asked to provide the answer in vector form. This can be achieved by drawing a vector from the origin $(0,0)$ to the point plotted.



Name _____

Date _____

Vector Form

