Answer on Question #58287 – Math – Complex Analysis

Question

In an Argand diagram the purely imaginary numbers lie along the …

Solution

Purely imaginary numbers can be represented as $z = 0 + i \cdot y, y \in \mathbb{R}$, so the complex number z corresponds to the point (*0, y*) on the y-axis in the Cartesian plane.

Answer: In an Argand diagram the purely imaginary numbers lie along the y-axis.