

Math 131 Lab 11–Day 32: Sequence Terminology

We say a sequence is **bounded above** if there is a number A so that $a_n \leq A$ for all n . A sequence is **bounded below** if there is a number C so that $a_n \geq C$ for all n . Finally, a sequence is **bounded** if it is bounded both above and below. (A **bound** B for $|a_n|$ for all n is the maximum of $|A|$ and $|C|$.)

Property	a	b	c	d	e	f	g	h	i	j
non-increasing										
non-decreasing										
monotone										
eventually monotone										
bounded above A										
bounded below C										
bounded B										

