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Name: _____

Notes - Anglog vs. Digital

Analog Vs. Digital	★Analog and digital are two different ways of &		
	information.		
Waves	★Analog Waves include the	wave	
	★Digital Waves are samples or	of a wave	
	Analog Wave	Digital Wave	
	•		
What is analog?	range of values		
	More values		
We live in an analog			
We live in an analog world! There are an infinite number of tones we can hear and there			
world:	there are an infinite number of tone infinite number of smells we can sm		
	infinite number of smens we can sir	ieii.	
Analog Examples	★Cassette tape		
Allaiog Examples	★Records		
	★VHS		
	★with hands		
	★Microphone		
	★Talkie		
	*phone		
	★photocopy		
	_		
Analog Advantages	•data		
	Higher density		
	• processing		
	•sound		

Analog Disadvantages	 White storage Difficult to Difficult to
What is Digital?	 range of values to work with
Binary Code	★Digital media, like CDs, hard disks, and flash memory chips store parts of sound or light waves as's and's, or bits.
Digital Examples	★USB Drive ★ ★Cell Phone ★Digital ★Digital Clock ★ Player
Digital Advantages	 Travel copies Fit more on smaller devices
Digital Disadvantages	 Need more More complicated Not a representation