









7

11

## How About More Bits?

How much information can you store with 3 bits?

<ul> <li>Eight.</li> </ul>	Bit #1	Bit #2	Bit #3	Possible Encoding	
	0	0	0	"You are funny"	
	0	0	1	"You stink"	
	0	1	0	"I am awesome"	
	0	1	1	"You are a giraffe"	
	1	0	0	"You are a whale"	
	1	0	1	"I like pie"	
	1	1	0	"I eat donuts"	
	1	1	1	"Igloo"	
					8

How Many Encodings	With X	Bits?
What is the pattern?	Number of Bits	Number of Encodings
	1	2
Each new bit doubles the	2	4
number of encodings	3	8
	4	16
	5	32
	6	64
	7	128
	8	256

## <text><text><text>

## Unicode

- Need more than the Roman alphabet.
- As of Unicode 5.1, there are 100,507 graphic characters.













