

Name _____

Date _____

Reading 8-bit ASCII Codes

ASCII is short for American Standard Code for Information Interchange. Most computers use the ASCII (ask-ee) code to represent English characters as numbers. For example, the uppercase letter 'A' is represented as 01000001. Using our knowledge of binary codes, we can work out that this is the decimal number 65.

128	64	32	16	8	4	2	1	
								64+1=65
0	1	0	0	0	0	0	1	01000001

Here is a copy of the uppercase ASCII table. Some sections have been accidentally deleted. See if you can find the patterns to help complete the codes.

Binary Working Space								Binary Code	Digital Number	Letter of Alphabet
128		32	16	8	4	2				

