

UTF-8 Character encoding worksheet:

- Look up the Unicode value of the character to encode
- Use table below to determine required form, pad with initial zeroes if necessary:

Bits	Last code point	Byte 1	Byte 2	Byte 3	Byte 4
7	U+007F	0xxxxxxx			
11	U+07FF	110xxxxx	10xxxxxx		
16	U+FFFF	1110xxxx	10xxxxxx	10xxxxxx	
21	U+1FFFFF	11110xxx	10xxxxxx	10xxxxxx	10xxxxxx

é

This character has Unicode value of 00E9

1. Convert to binary

_____ | _____ | _____ | _____ | _____

2. Insert bits into required form

_____ | _____ | _____ | _____

3. Convert to hexadecimal (for convenience)



This character has Unicode value of 2A6D6

1. Convert to binary

_____ | _____ | _____ | _____ | _____

2. Insert bits into required form

_____ | _____ | _____ | _____

3. Convert to hexadecimal (for convenience)
