

LAB NO. 1, SE 185 // 8-31-2018

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LAB ONE COMPANION HOMEWORK // BASE CONVERSION = PROVIDED

DECIMAL	HEXADECIMAL	BINARY
1	1	1
15	F	1111
147	<del>93</del> 93	10010011
10	0A	1010
225	DE	11011111
63	3F	111111
42	2A	101010
129	81	10000001
255	FF	11111111
4	04	100

$$255/2 = 127 \text{ R } 1$$

$$127/2 = 63 \text{ R } 1$$

$$63/2 = 31 \text{ R } 1$$

$$31/2 = 15 \text{ R } 1$$

$$15/2 = 7 \text{ R } 1$$

$$7/2 = 3 \text{ R } 1$$

$$3/2 = 1 \text{ R } 1$$