

Name: \_\_\_\_\_

Value: 2

Find the 1's complement of each of the following binary numbers:

1011 <sub>2</sub>	#1	1010 <sub>2</sub>	#2
1100 <sub>2</sub>	#3	1000 <sub>2</sub>	#4
0000 <sub>2</sub>	#5	1111 <sub>2</sub>	#6

Find the 2's complement of each of the following binary numbers:

1011 <sub>2</sub>	#7	1010 <sub>2</sub>	#8
1100 <sub>2</sub>	#9	1000 <sub>2</sub>	#10
0000 <sub>2</sub>	#11	1111 <sub>2</sub>	#12

Find the 15's complement of each of the following hexadecimal numbers:

102A <sub>x</sub>	#13	3C98 <sub>x</sub>	#14
4B7F <sub>x</sub>	#15	ED65 <sub>x</sub>	#16
0000 <sub>x</sub>	#17	FFFF <sub>x</sub>	#18
8000 <sub>x</sub>	#19	7FFF <sub>x</sub>	#20

Find the 16's complement of each of the following hexadecimal numbers:

102A <sub>x</sub>	#21	3C98 <sub>x</sub>	#22
4B7F <sub>x</sub>	#23	ED65 <sub>x</sub>	#24
0000 <sub>x</sub>	#25	FFFF <sub>x</sub>	#26
8000 <sub>x</sub>	#27	7FFF <sub>x</sub>	#28

The 10's complement of 2305 <sub>10</sub> is	#29
The 2's complement of 10110 <sub>3</sub> is	#30
The 5's complement of 23410 <sub>5</sub> is	#31
The 4's complement of 2301 <sub>4</sub> is	#32
The 7's complement of 654000 <sub>7</sub> is	#33