## Boise State University Department of Electrical and Computer Engineering

ECE 230 Digital Systems Ouiz 5 – October 1 2010

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MA

Perform the following operations involving eight-bit 2's complement numbers and indicate whether arithmetic overflow occurs. Check your answers by converting to decimal sign-and-magnitude representation.

1)	/	\ 1	1	\			
0	1	1	1	0	1	0	1
+1	1	0	1	1	1	1	0
2	1	0	- 6	n	n	1	1







