Math 135 (Summer 2006) Warm-up Exercises for July 20, 2006

Let a = 1011010 and let b = 101 be two binary numbers.

(a) Compute a + b, $a \cdot b$, a - b, and $a \div b$.

(b) Determine the decimal representations of a and b.

Recall that the numerical equivalents of the letters as follows:

А	В	С	D	Е	F	G	Η	I	J	Κ	L	М
0	1	2	3	4	5	6	7	8	9	10	11	12
N	0	Р	Q	R	S	Т	U	V	W	Х	Y	Z
13	14	15	16	17	18	19	20	21	22	23	24	25

(c) Suppose that EZRA and BARD are two base twenty-six numbers. Determine EZRA + BARD (in base twenty-six).