HOMEWORK Factorization (Division E)

	Name:	02/28/2010
1.	A two digit number XY, such that	X, Y, XY and YX are all primes, find X and Y.
2.	Which of the following is a prime, (a) 23 (b) 91 (c) 97 (which is not? (d) 1
3.		p is a prime and $p + 2$ is also a prime. For and 5 are all primes. Find all the twin primes
4.	Factorize the following numbers: (a) 4123 (b) 427091	

5. Could the following numbers be a prime?

 $2\times3\times5\times7\times9\times11 + 11\times13\times17\times19\times23$?