ANSWERS

A) (_____ , _____)

B) _____

C) _____

A) A teenager thought to himself, "Two years ago I was *in my prime***, but two years from now I won't be". Let *M* and *m* denote the maximum and minimum number of years until I am no longer a teenager. Determine the ordered pair (*M*, *m*).
** Translation: My age (in years) was a prime number.

B) Determine <u>all</u> integers between 2014 and 2140 which are multiples of both 6 and 21.

C) Exactly three of the following numbers are the squares of primes:
    3027   4489   5329   7921   9025
Compute the sum of these 3 primes.