

[> #per your request

[>

[>
a := ithprime(1000) - 1;

7918

(1)

find a count of prime number between 1 and 500

counter := 0

0

(2)

for b **from** 1 **to** 500 **do**

if isprime(b) **then** counter := counter + 1;

end if;

end do;

counter

95

(3)

[> # so there are 95 primes less than 500.

restart

for c **from** 1 **to** 31 **do**

triangularnum := $\frac{c \cdot (c + 1)}{2}$;

end do;

1

3

6

10

15

21

28

36

45

55

66

78

91

105

120

136

153

171

190

210

231

253
276
300
325
351
378
406
435
465
496 **(4)**

have fun