Find the sum of the first twenty odd integers
400
$u_8=2u_4, u_{20}=40$
Find d
2
Find the sum of the first 50 even positive integers
2550
How many terms of $1+3+5+\ldots$ are required to make a sum of 1521?
39
Find least number of terms of $1+3+5+\ldots$ required to make a sum exceeding 4000
64
Find the sum of all the integers from 1 to 1000
500500
Find least number of terms required for $1-1-3-5-\ldots$ to be less than -100
12
$u_8=11, u_{15}=21$
Find a and d
$1, \frac{10}{7}$
How many terms of $-3+2+7+\cdots$ are required to make a sum of 1162
8
$u_5=22, u_{15}=62$
Find u_{100}
402
$d=10, u_6=52$
Find u_{15}
142
$u_4=20, u_9=8$
Find a and d
$27\frac{1}{5}, -22\frac{2}{5}$
Find the sum of all positive integers from 5 to 1555 inclusive that are divisible by 5
242580
$u_{10}=28, u_{20}=58$
Find s_{30}
1335
$a=3, u_6=2u_3$
Find d and u_{10}
3,30