

number theory 1d

- | | | |
|--|---|---|
| 1) List the first 10 even numbers. | 6) List all the prime numbers up to 52 . | name..... |
| 2) List the first 11 odd numbers. | | |
| 3) List the factors of :
a) 15
b) 9
c) 16
d) 35
e) 21 | 7) List all the composite numbers up to 21 . | 9) Express each of the following numbers in terms of its prime factors. |
| 4) List the first four multiples of :
a) 2
b) 10
c) 5
d) 7
e) 9 | 8) find the HCF and LCM of the following pairs of numbers . | a) 40 |
| 5) How many factors does a prime number have ?
..... | a) 12 , 8
HCF =
LCM = | b) 21 |
| | b) 10 , 15
HCF =
LCM = | c) 50 |
| | c) 3 , 10
HCF =
LCM = | d) 100 |
| | d) 5 , 10
HCF =
LCM = | e) 250 |
| | <i>Parent's signature and comment</i> | 10) List the first 9 square numbers. |
| | | 11) List the first 6 triangular numbers. |