

Multiples, Factors, Prime Numbers and Prime Factors

Multiples.

Definition:

A number which is in the times table of a given number is called a **multiple** of that given number.

Example:

The 2 times table is: 2, 4, 6, 8, 10, 12,

The 3 times table is: 3, 6, 9, 12, 15,

- a) 4 is in the 2 times table, therefore, 4 is a **multiple** of 2.
- b) 12 is in the 2 times table **and** the 3 times table, therefore, 12 is a multiple of 2 **and** 3.

Exercise

Circle all the numbers which are multiples of the given number.

- 1) 10
50 20 69 30 55 80
- 2) 7
21 14 50 56 7 76 70
- 3) 4
20 8 36 24 4
- 4) 6
24 60 18 30 26 35 90 102 120
- 5) 5
65 25 4144 276 2000 132 3525 6510 4232 5205 450
- 6) 2
616 54 3610 513 70 55 5100 4404 21126 924 512
- 7) 9
81 144 8200 516 900 621 1035 297 95 1324 300