EXERCISES : About whole numbers

Ex.1 What is the first 3 multiples of 7? .....

Ex.2 What is the *n*th term of the series : 1 ; 4 ; 9 ; 16 ; 25 ; ..... ? .....

Ex.3 Which of these statements are true and which are false? Tick the correct box for each statement.

	TRUE	FALSE
If $x^2 = 64$, then x must equal 8		
All numbers have an even number of factors		
81 is a square number		
1 is a factor of all numbers		
Numbers with only 2 factors are called prime numbers		
All prime numbers are odd		

Ex.4 Write down the factors of 24.

Ex.5 What is the highest common factor of 24 and 64?

Ex.6 What is the lowest common multiple of 9 and 12?

Ex.7 Write down a square number between 101 and 149.

Ex.8 Here are 10 number cards:

1	2	3	4	5	6	7	8	9	10

From the cards, write down:

a) the square numbers: .....

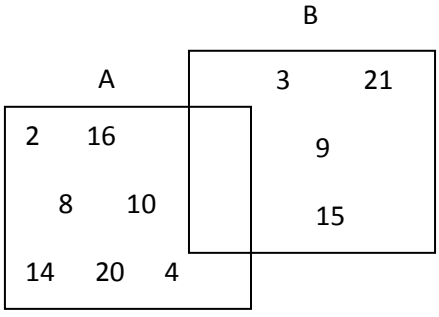
b) the prime numbers : .....

c) the factors of 10: .....

Ex.9 Rectangle A contains the first ten multiples of 2.

Rectangle B contains the first seven multiples of 3.

Write down the missing numbers from the overlap.



Ex.10 Rectangle C contains the factors of 20.

Rectangle D contains the factors of 36.

Write down the missing numbers from the overlap.