



**INDIAN SCHOOL AL WADI AL KABIR**  
 Class VI, Mathematics *Worksheet 1- Playing with Numbers*  
 20-05-20

**OBJECTIVE TYPE (1 Mark)**

Q.1.	The greatest prime number between 10 and 20 is							
A	11	B	19	C	17	D	13	
Q.2.	Which among the following pairs are twin primes?							
A	(37,47)	B	(11,12)	C	(7,9)	D	(11,13)	
Q.3.	The only even prime number is							
A	1	B	0	C	2	D	4	
Q.4.	The smallest multiple of any number is							
A	1	B	Number itself	C	0	D	even	
Q.5.	The only natural number that is neither prime nor composite is							
A	1	B	2	C	0	D	11	
Q.6.	The sum of any two odd or even numbers is always							
A	odd	B	Prime	C	even	D	composite	
Q.7.	The numbers that have only two factors are called							
A	Odd numbers	B	Perfect numbers	C	Twin primes	D	Prime numbers	

Q.8.	Which among the following is a composite number							
	A	99	B	13	C	11	D	89
Q.9.	Which among the following is not a factor of 27?							
	A	1	B	3	C	7	D	9
Q.10	The number of multiples of a given number is							
	A	2	B	5	C	finite	D	infinite

Fill in the blanks(1mark)

Q11.	Every number is a factor of _____.
Q12.	Every _____ of a number is equal to or greater than the number.
Q13.	The smallest prime number between 30 and 40 is _____.
Q14.	The number of factors of a number is always _____.
Q15.	Even numbers are exactly divisible by _____

SECTION B (2 marks )

Q16.	Write all the factors of 35.
Q17.	Write the first four multiples of 25.
Q18.	List all the prime numbers between 50 and 85.
Q19.	Check whether 28 is a perfect number. Show proper steps.
Q20.	List all the composite numbers between 1 and 16.

SECTION C (4marks)

Q21.	Match the following			
	COLUMN 1		COLUMN 2	
	i	15	a)	Factor of 27
	ii	70	b)	Factor of 3
	iii	24	c)	Factor of 70
	iv	9	d)	Multiple of 5
			e)	Multiple of 8

Q22.	State whether the following statements are true or false. a) The product of two consecutive numbers is always even. b) A composite number has minimum 3 factors. c) The sum of two prime numbers is always prime. d) The product of any number and an even number is always even.
Q23.	Express the given numbers as a sum of two odd primes: a) 46 b) 50 c) 36 d) 40
Q24.	Write 4 pairs of twin prime numbers
Q25.	List all the composite numbers between 50 and 70. Find the difference between the greatest and the smallest of them.

<b>Answers</b>	1	B) 19	2	D) (11,13)	3.	C) 2	4	B) Number itself
	5	A) 1	6	C) Even	7	D) Prime Number	8	A) 99
	9	C) 7	10	D) Infinite	11	Itself	12	Multiple
	13	31	14	finite	15	2	16	1,5,7,35
	17	25, 50, 75, 100	18	53, 59, 61, 67,71, 73, 79, 83	19	Sum of factors =56= 2 x 28 Perfect Number	20	4,6,8,9,10,12,14,15
	21	i)--d ii)-- c iii) - e iv) --a	22	a) True b) True c) False d) True	23	a) 43 + 3 b) 47 + 3 c) 31 + 5 d) 37 + 3	24	(3,5), (5,7), (11,13), (17,19)
25	51,52, 54, 55, 56, 57, 58, 60, 62, 63, 64, 65, 66, 68, 69 Difference = 69 - 51= 18							