

CHRIST CHURCH SCHOOL

Name: _____

Date: _____

Subject: Maths

Roll No.: _____

Std 4 Div: A - G

Topic: - Prime and Composite Numbers (Notes)

Given below is a list of numbers from 1 to 100

Prime Numbers									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

The numbers circled in yellow above are all prime numbers.

The numbers which are not circled are called composite numbers.

Q1 What are Prime Numbers?

Ans: Prime Numbers are those numbers that has only two factors, the number itself and the number 1.

For eg: - $2 = 1 \times 2$, $2 \times 1 = 2$

Since the number 2 has only two factors i.e. 1 and 2, the number 2 is a prime number.

Q2 What are called Composite Numbers?

Ans: Composite Numbers are those which have more than two factors.

For eg :- $4 = 1 \times 4$, $2 \times 2 = 4$

The number 4 has more than two factors 1, 2 and 4 , so the number 4 is a composite number.

Note: 1 is neither a prime number nor a composite number.

Q3 What are called Twin Prime Numbers?

Ans Prime numbers which have only one composite number between them and they differ by 2, are called twin prime numbers.

For eg :- 3 and 5 , 5 and 7 , 11 and 13 etc.

Few exercises to be done.

A) Write down all the composite numbers between 11 to 23

Ans: 12 , 14 , 15 , 16 , 18 , 20 , 21 and 22

B) Write down all the prime numbers between 21 to 40.

Ans: 23 , 29 , 31 and 37

C) Circle the composite numbers.

Ans:  42 ,  47 , 61 ,  76

D) Pick out the twin prime numbers.

29 and 32 , 41 and 43 , 19 and 23.

Ans: 41 and 43