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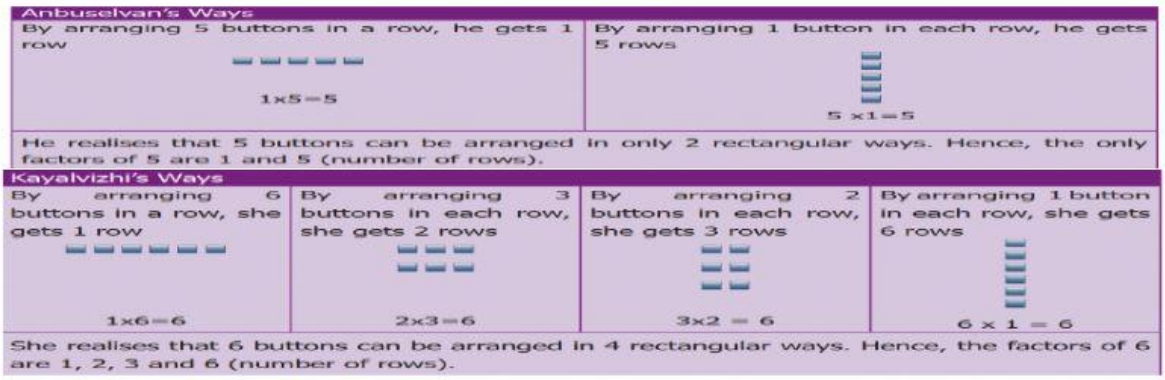
GOVERNMENT HIGHER SECONDARY SCHOOL-PENNALURPET-602026

CLASS:VI **TERM: II** **SUB: MATHEMATICS**

UNIT-1: NUMBERS **TOPIC: ODD/EVEN-FACTORS/MULTIPLES**

Name:

PRIME NUMBERS AND COMPOSITE NUBERS



NUMBER	RECTANGULAR ARRANGEMENTS	FACTORS	NO. OF FACTORS	PRIME OR COMPOSITE
1	1x1=1	1	1	
2	1x2=2,2x1=2	1,2	2	
3	1x3=3,3x1=3	1,3	2	
4	1x4=4,2x2=4,4x1=4	1,2,4	3	
5	1x5=5,5x1=5	1,5	2	
6	1x6=6,2x3=6,3x2=6, 6x1=6	1,2,3,6	4	
7	1x7=7,7x1=7	1,7	2	
8	1x8,2x4,4x2,8x1	1,2,4,8	4	
9	1x9,3x3,9x1	1,3,9	3	
10	1x10,2x5,5x2,10x1	1,2,5,10	4	

RESULT

1.If a number has only one factor

2.If a number has only two factors [one and itself]

3.If a number has more than two factors

4. is neither prime nor Composite number.

5. is only even prime number.