

FACTORS, MULTIPLES and PRIMES

Page	Description
1	Find multiples of the numbers 2 to 9
2	Find factors of the numbers 2 to 20
3	Recap on factors of the numbers 2 to 20. Which ones are prime?
4	Use a Venn Diagram to find the highest common factor
5	Venn diagram using factors and multiples
6	Find the highest common factor and lowest common multiple

Find all the times a number is written in the main part of the grid to find all the factors of that number. 6 has been done for you

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32				
	3	6	9	12	15	18	21	24	27	30	33									
	4	8	12	16	20	24	28	32												
	5	10	15	20	25	30	35													
	6	12	18	24	30	36														
	7	14	21	28	35															
	8	16	24	32																
	9	18	27	36																
	10	20	30	40																
	11	22	33																	
	12	24	36																	
	13	26	39																	
	14	28	42																	
	15	30	45																	
	16	32																		
	17	34																		
	18	36																		
	19	38																		
	20	40																		

FACTORS of

2	1, 2
3	1, 3
4	1, 2, 4
5	1, 5
6	1 x 6 and 2 x 3. Factors are 1, 2, 3 and 6
7	1, 7
8	1, 2, 4, 8
9	1, 3, 9
10	1, 2, 5, 10
11	1, 11
12	1, 2, 3, 4, 6, 12
13	1, 13
14	1, 2, 7, 14
15	1, 3, 5, 15
16	1, 2, 4, 8, 16
17	1, 17
18	1, 2, 3, 6, 9, 18
19	1, 19
20	1, 2, 4, 5, 10, 20

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