

20/08/25

class-6th

Test 15 - M. M. classmate

Date

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Q.1

Mark the supercells in the table given below.

8286	6600	9545	3670	3607	7466	8000	5484	5660
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(1)

Q.2

What is the largest five digit palindrome number? 99999. (1)

Q.3

Apply the Kaprekar routine to the number 1225, show each step and verify if the routine leads to Kaprekar Constant (4)

3996, 6264, 4176, 6174

Q.4

What is the sum of the smallest and largest four digit palindrome? what is their difference? (4)

S - 1001, L = 9999, S = 11000, D = 8998

OR

Q.5

What is the smallest number whose digit sum is 14? 59.

Q.6

How many rounds does the number 5683 take to reach the Kaprekar Constant

5085, 7992, 7173, 6354, 3087, 8352, 6174.

(3)