

KNOWING OUR NUMBERS

HOTS QUESTION

1. Is there any digit whose place value is always equal to its face value irrespective of its position in any number?
2. Write all 4 digit numbers that can be formed with the digits 2 and 5, using both the digits equal number of times.
3. What is the difference between the smallest 6 digit number using five different digits and the greatest 5 digit number using four different digits?
4. How many times does the digit 3 occur at tens place in natural numbers from 100 to 1000.
5. Estimate $5673 - 436$ by estimating the number to their nearest hundreds.
6. The distance between Ana's home and her school is 4km 85m. Every day she cycles both ways. Find the distance covered by her in a week (Sunday being a holiday).
7. Write the smallest 4 digit number using each of the digits 3,7,0,9 only once.
8. Keeping the place value of digit 8 fixed in the number 3680591, rearrange the digits of the number to get the greatest number and the smallest number of 7 digit.
9. Find the difference between the number 895 and that obtained by reversing its digits.
10. Determine the product of the place value of the digit 3 in the number 123583.

