



CREST Mathematics Olympiad (CMO) Worksheet *for*

Class 4



Topic

Numerals Name and Number Sense



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Worksheet on Numerals Name and Number Sense

1. Arrange the given numbers in ascending order.

53425, 53543, 53245, 54325, 53725, 53452

- a. 53245, 53425, 53452, 53725, 53543, 54325
- b. 53245, 53425, 53452, 53543, 53725, 54325
- c. 53245, 53425, 53543, 53452, 53725, 54325
- d. 53245, 53425, 53725, 53452, 53543, 54325

2. Which number is 25 more than LXXIV?

- a. 89
- b. 90
- c. 99
- d. 109

3. What is the difference between the place value and face value of 7 in 97648?

- a. 6663
- b. 6693
- c. 6983
- d. 6993

4. I am a five-digit number. I have five in my one's place. The number present in my hundred's place is two less than the number present in my one's place. I have three in my ten's. The number present in my ten thousand's place is double the number present in my thousand's place. The digit at the hundred's place is four. Identify me.

- a. Eighty-four thousand three hundred and thirty-five
- b. Eighty-four thousand four hundred and thirty-five
- c. Eighty-four thousand two hundred and thirty-five
- d. Eighty-four thousand two hundred and twenty-five

5. A biscuit factory produces 3215 packets of biscuits in a day. How many packets of biscuits will it produce in 30 days?



- a. 95450
- b. 95550
- c. 96450
- d. 96550

Answer Key

1. b - 53245, 53425, 53452, 53543, 53725, 543250

Explanation: 53245 is the smallest and 54325 is the largest. The numbers are arranged from smallest to largest in increasing order.

The numbers are arranged in ascending order:

53245, 53425, 53452, 53543, 53725, 54325

2. c - 99

Explanation: The conversion of Roman numerals into numbers is:

$$\text{LXXIV} = \text{L} + \text{X} + \text{X} + \text{IV}$$

$$= \text{L} + \text{X} + \text{X} + (\text{V} - \text{I})$$

$$= 50 + 10 + 10 + (5 - 1)$$

$$= 50 + 20 + 4$$

$$= 74$$

$$25 \text{ more than LXXIV} = 25 + 74 = 99$$

3. d - 6993

Explanation: Place value of 7 in 97648 = 7000

Face value of 7 in 97648 = 7

The difference between the place value and face value of 7 in 97648 = $7000 - 7 = 6993$

4. a - Eighty-four thousand three hundred and thirty-five

Explanation: In a five-digit number, the five place values are One's place, Ten's place, Hundred's place, Thousand's place and Ten Thousand's place.

According to the question:

Digit at one's place = 5

Digit at ten's place = 3

The digit present in my hundreds place is two less than the number present in my one's place
 $= 5 - 2 = 3$

Digit at hundred's place = 3

Digit at thousand's place = 4

Digit at ten thousand's place = $2 \times \text{Digit at thousand's place} = 2 \times 4 = 8$

So, the number is 84335 and its number name is eighty-four thousand three hundred and thirty-five.

5. c - 96450

Explanation: Number of packets of biscuits produced in a day = 3215

Number of packets of biscuits produced in 30 days = 3215×30

= 96450

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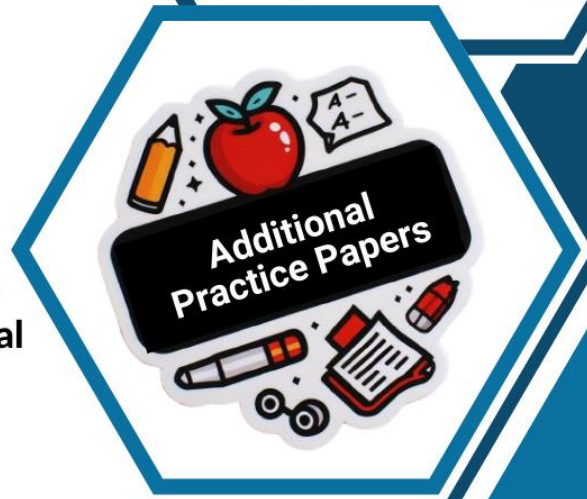
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