

CHAITANYA CENTRAL SCHOOL  
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Assignment – 2023-24

Class:VII  
Subject: Mathematics

Date:24-04-2023

1. The place value of 6 in the numeral 48632950 is  
(a) 6 (b) 632950 (c) 600000 (d) 486
2. The difference between the place value and the face value of 5 in the numeral 78653421 is  
(a) 53416 (b) 4995 (c) 49995 (d) none of these
3. How many times does the digit 9 occur between 1 and 100?  
(a) 11 (b) 15 (c) 18 (d) 20
4. One million = \_\_\_\_\_.  
(a) 1 lakh (b) 10 lakh (c) 100 lakh (d) 1 crore
5. 1512 when rounded off to the nearest hundred is  
(a) 1600 (b) 1500 (c) 1510 (d) none of these
6. The number which is neither prime nor composite is  
(a) 0 (b) 1 (c) 2 (d) 3
7. What least number should be replaced by \* so that the number 67301 \* 2 is exactly divisible by 9?  
(a) 5 (b) 6 (c) 7 (d) 8
8. Which of the following numbers is divisible by 6?  
(a) 67821 (b) 78134 (c) 87432 (d) none of these
9. I am a number between 15 and 20. If you divide me by 3 and 4, the remainders will be 2 and 1 respectively. Who am I?  
(a) 19 (b) 18 (c) 16 (d) 17
10. Factors of 6 are \_\_\_\_\_.  
(a) 1,2,3,6 (b) 1,6 (c) 2,3 (d) 6,1
11.  $2 \times (3+4) = (2 \times 3) + (2 \times 4)$  The above is known as  
(a) distributivity of multiplication over addition (b) associativity of addition  
(c) associativity of multiplication (d) none of these
12. Which of the following is the greatest number that can be formed by the digits 7,0,9,8,6 and 3?  
(a) 9,87,360 (b) 9,87,063 (c) 9,87,630 (d) 9,87,603

13. Find the smallest 6-digit number that can be formed by the digits 9, 6, 0, 5, 8 and 1

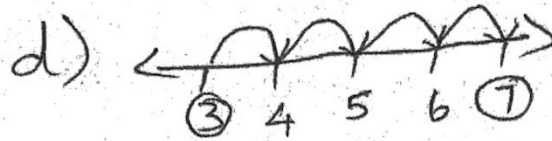
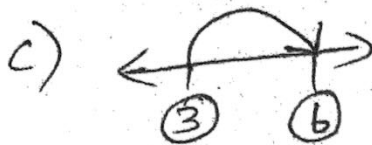
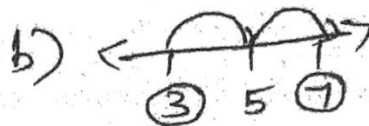
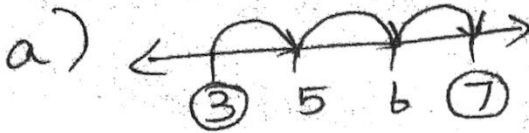
- (a) 0,15,689 (b) 1,05,689 (c) 5,01,689 (d) 9,86,510

14. What are the two consecutive numbers after 5009?

- (a) 5010, 5020 (b) 50010, 50011 (c) 5010, 5011 (d) 5010, 5012

15. Which of the following represents  $3+4=7$ ?

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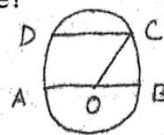


16. Match the following.

- |                           |                      |
|---------------------------|----------------------|
| (a) Surface of a floor    | (i) Line segment     |
| (b) Stars in the sky      | (ii) points          |
| (c) Edges of a blackboard | (iii) parallel lines |
| (d) Arms of a clock       | (iv) plane           |
| (e) Railway lines         | (v) Angle            |

17. How many line segments are there in the given figure?

- (a) 3 (b) 5 (c) 2 (d) 4



18. Complete the following table.

Solid Shape	Number of faces	Number of edges	Number of vertices
Cube			
Cuboid			
Cylinder			
Cone			
Sphere			

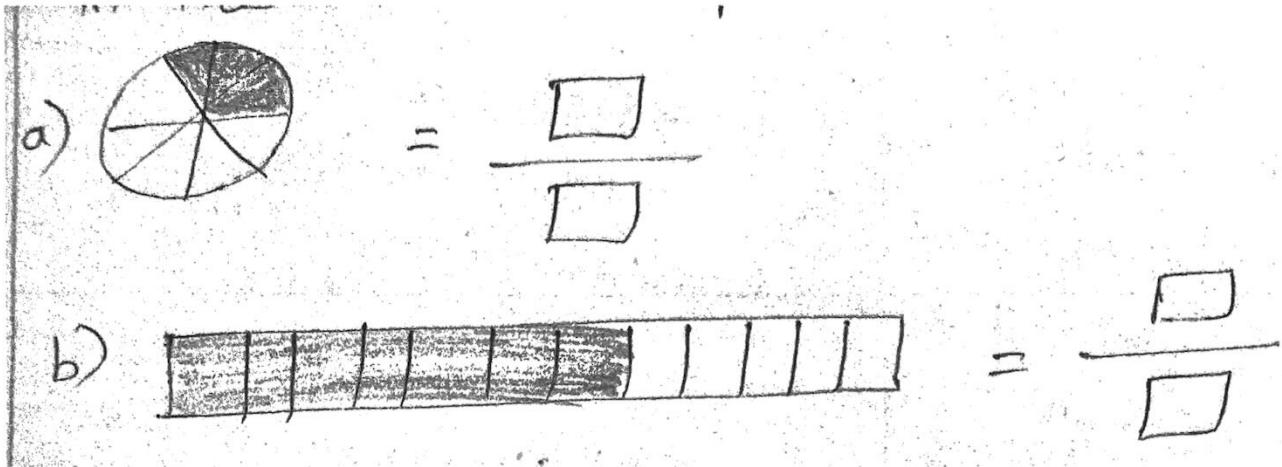
19. The successor of  $(-602)$  is \_\_\_\_\_

20.  $(-12) - (-28) + 56 =$  \_\_\_\_\_

21. Find the sum of  $\frac{13}{25}$  and  $\frac{3}{5}$  \_\_\_\_\_

22. What should be added to  $\frac{2}{5}$  to get  $\frac{3}{4}$  ?

23. Write the fraction represented in the shaded portion.



24. Convert the following into rupees using decimals.

(a) 5 paise = Rs. \_\_\_\_\_

(b) 10 paise = Rs. \_\_\_\_\_

(c) 1 rupee 25 paise = Rs. \_\_\_\_\_

(d) 5 rupees and 50 paise = Rs. \_\_\_\_\_

(e) 57 rupees and 75 paise = Rs. \_\_\_\_\_

25. Put the correct symbol in the box.

$$59.26 - 27.66 \quad \boxed{\phantom{00}} \quad 26.93 + 4.312$$

26. Match the following.

(a) 0.16 (i) 1.96

(b)  $\frac{3}{20}$  (ii)  $\frac{95}{50}$

(c) 1.9 (iii)  $\frac{78}{12}$

(d)  $\frac{49}{25}$  (iv)  $\frac{4}{25}$

(e) 6.5 (v)  $\frac{13}{50}$

(vi) 0.15

27.  $2 + 0 + \frac{9}{100} + \frac{4}{1000}$  is equal to

28. Find the ratio of

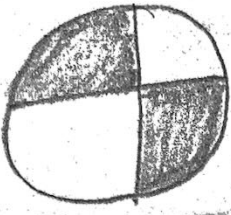
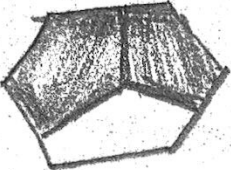
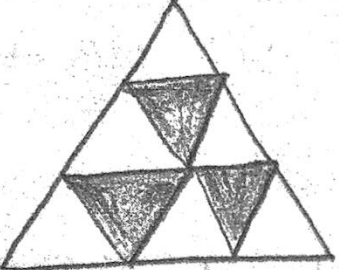
(a) 90cm to 1.05 M

(b) 35 minutes to an hour

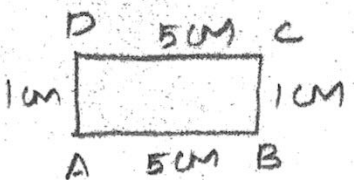
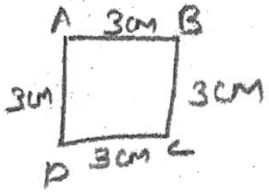
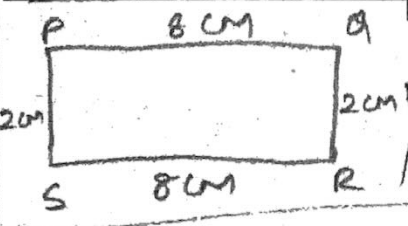
(c) 150 ml to 2l

(d) 2 dozens to a score

29. Write the fraction in the simplest form and the corresponding decimal for the shaded area in the given figures.

Figure	Fraction	Decimal
		
		
		

30. Complete the table.

Polygon	Number of sides	Perimeter	Area
			
			
			

31. Write all the capital letters of the English alphabets which have more than one line of symmetry?

32. Match the following.

Shape	Number of lines of symmetry
(a) Equilateral triangle	(i) 0
(b) Rectangle	(ii) 1
(c) Isosceles triangles	(iii) 2
(d) Square	(iv) 3
(e) Scalene triangle	(v) 4
	(vi) 5

33. If 40% of a number is 256, then 25% of that number is \_\_\_\_\_.

34. What is the place value of 4 in 163 284?

35. Draw an angle of  $45^\circ$  using a ruler and a set square.

### Word Problems:

36. A toy factory produced 36,93,542 toys in one year. It produced 3,24,567 more toys in the next year. How many toys did the toy factory produce in the second year?

37. Write 1500345 in both Indian and International place value system in words.

38. The cost of an ordinary bicycle is Rs.6755 and the cost of a gear cycle is Rs.13,565 .What is the total cost of 12 ordinary bicycles and 5 gear cycles? Which costs more?

39. Complete the following pattern of numbers.

(a)  $1 \times 8 + 1 = \underline{\hspace{2cm}}$

(b)  $12 \times 8 + 2 = \underline{\hspace{2cm}}$

(c)  $123 \times 8 + 3 = \underline{\hspace{2cm}}$

(d)  $1234 \times 8 + 4 = \underline{\hspace{2cm}}$

(e)  $12345 \times 8 + 5 = \underline{\hspace{2cm}}$

(f)  $123456 \times 8 + 6 = \underline{\hspace{2cm}}$

(g)  $1234567 \times 8 + 7 = \underline{\hspace{2cm}}$

(h)  $12345678 \times 8 + 8 = \underline{\hspace{2cm}}$

40. Identify the following in the letters of the English alphabets .

Intersecting lines	
Parallel lines	
Simple curves	
Simple closed figure	

41. Solve the riddles and identify the shapes.

(a) I have a hexagonal base. I have six triangular faces joining together at a point .

I am a \_\_\_\_\_

(b) I have six faces, twelve edges and eight vertices. I can be either a \_\_\_\_\_ or a \_\_\_\_\_.

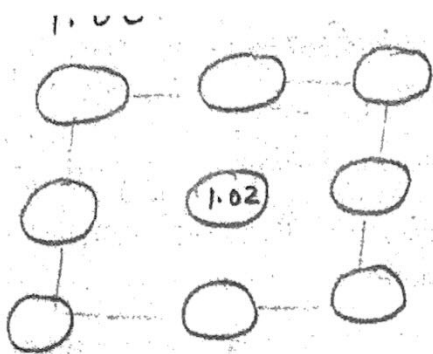
42. The lowest temperature recorded in Antarctica is  $-89^{\circ}\text{C}$  and in Africa is  $-24^{\circ}\text{C}$  . What is the difference between the temperatures in these two places? \_\_\_\_\_

43. Ravi studied  $1\frac{1}{2}$  h in the morning and  $\frac{3}{4}$  h in the evening . How many hours in total did Ravi study?

44. Form a magic square with the numbers given below.

(Hint):The sum of the numbers in each row, column and diagonal is 3.06)

0.98, 0.99, 1, 1.01, 1.02, 1.03, 1.04, 1.05, 1.06



45. Write the algebraic expressions for each of the following situations.

(a) Sudha is five years elder to her brother Sudhanan. (Let Sudha be x and Sudhanan be y)

(b) Vivek earns Rs.150 per day. How much will he earn if he works for x days?

46. The cost of a dozen eggs is Rs.54. Find the cost of 5 eggs.

47. By how much should 57.9 be increased to get 100?

48. Evaluate the following

(a)  $-6 - (-15) - 8$       (b)  $25 - [(-7) - 15]$       (c)  $-70 - (-56) - (-4)$

49. Simplify the following fractions.

(a)  $\frac{5}{8} - \frac{2}{16} =$  \_\_\_\_\_      (b)  $\frac{3}{2} + \frac{5}{8} =$  \_\_\_\_\_

(c)  $8\frac{2}{3} - 4\frac{1}{2} =$  \_\_\_\_\_

50. Arrange the following in ascending order.

13.75, 1.375, 15.73, 5.75, 137.5, 51.37

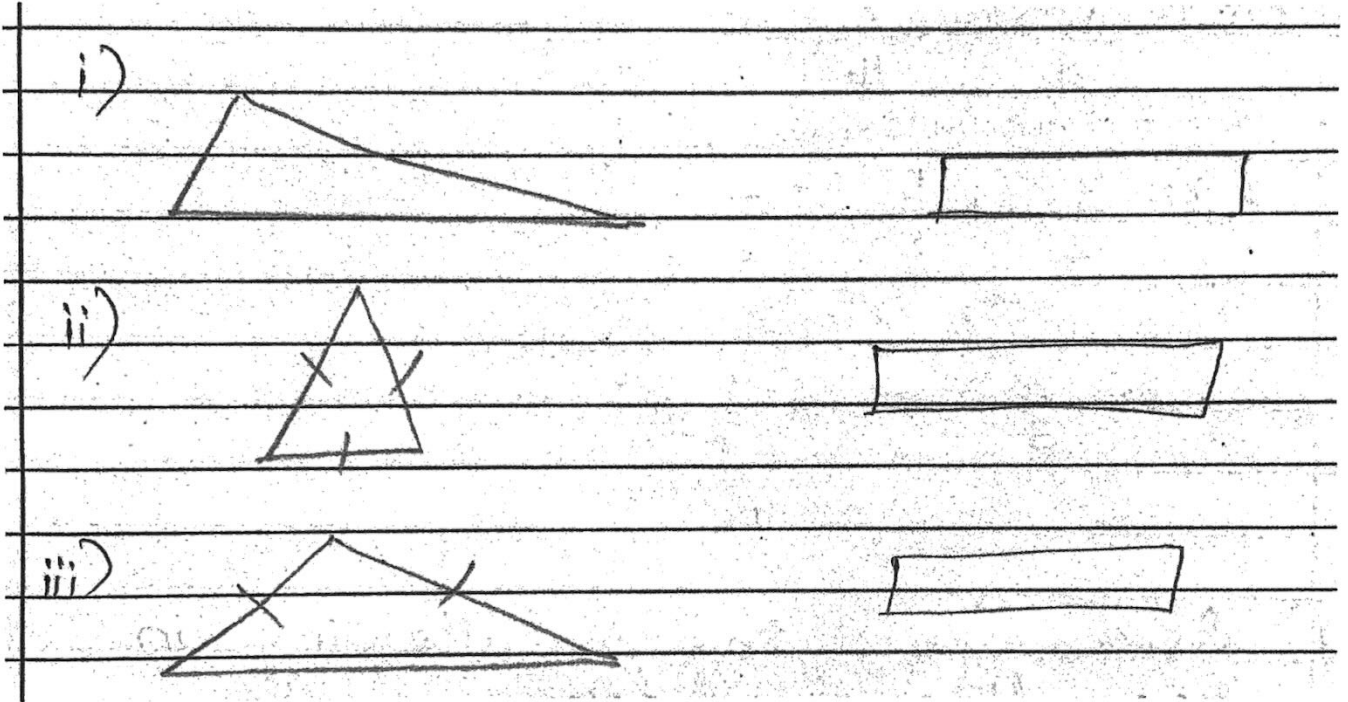
51. Arrange the following in descending order.

4.62, 462, 0.462, 4.26, 0.4, 46.2, 42

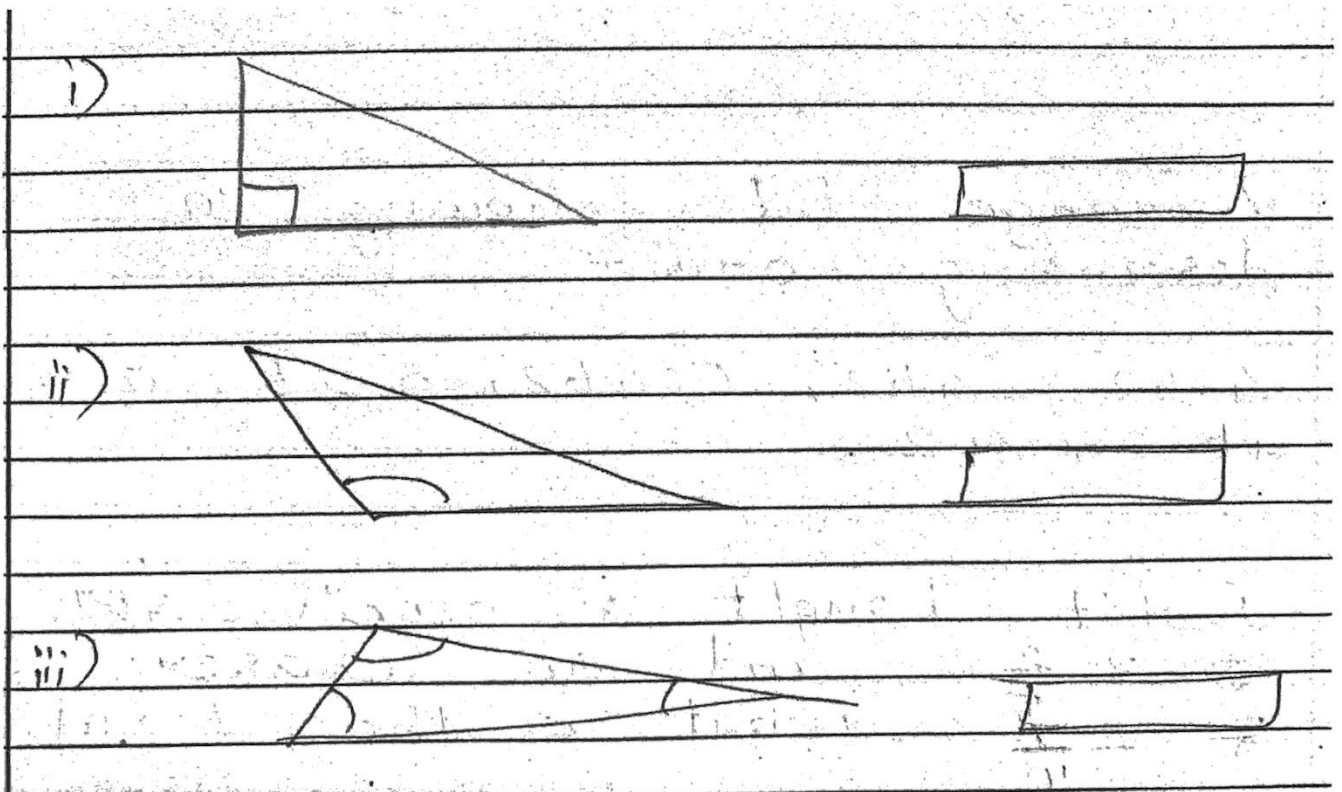
52. Rohit bought a pencil for Rs.  $3\frac{2}{5}$  and an eraser for Rs.  $2\frac{7}{10}$ . What is the total cost of both the items?

53. Name the following triangles.

(a) Based on sides



(b) Based on angles



54. Solve the given problems.

(a) Write the standard form of  $70,00,00,000 + 3,00,00,000 + 4,00,000 + 3,000 + 500 + 1$

(b) What is the missing digit in  $567 \square 45623$  if its place value is 8,00,000?

55. Complete the table to find the HCF of 63, 28 and 91.

Number	63	28	91
Factors of the number			

The common factors of 63, 28, 91 are \_\_\_\_\_

The HCF is \_\_\_\_\_

:: THE END::