

KENDRIYA VIDYALAYA

2023-24

PERIODIC TEST-I

CLASS-VIII

SUBJECT- MATHEMATICS

MARKS-40

TIME- 1:30 HOURS

Q.1	What are palindromic numbers? Give two examples. Form a palindrome number of 5 digits with the help of clues given below 1) I am a odd number 2) My tenth digit is twice my ones digit. 3) My hundredth digit is twice my tenth digit. Which number am I ?	2 3																																				
Q2.	Find the missing numbers. 1. The missing values are the whole numbers between 1 and 9. 2. Each number is used only once. 3. Each row is an arithmetic equation. 4. Each column is an arithmetic equation. 5. Remember that multiplication and division are performed before addition and subtraction. <table><tr><td></td><td>-</td><td>4</td><td>-</td><td></td><td>1</td></tr><tr><td>+</td><td></td><td>-</td><td></td><td></td><td></td></tr><tr><td>2</td><td>x</td><td></td><td>+</td><td>8</td><td>18</td></tr><tr><td>+</td><td></td><td>+</td><td></td><td>-</td><td></td></tr><tr><td></td><td>-</td><td>3</td><td>x</td><td></td><td>-20</td></tr><tr><td>15</td><td></td><td>2</td><td></td><td>0</td><td></td></tr></table>		-	4	-		1	+		-				2	x		+	8	18	+		+		-			-	3	x		-20	15		2		0		5
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Q3.	Find the value. ★☆☆☆☆ = 16 ★☆☆☆☆ = 13 ★☆☆ = 8 ★☆☆☆☆ = ?	5																																				
Q4	Solve the following puzzle ● Think of a number. ● Add 5 to it. ● Multiply the result (got in step 2) by 3. ● Now subtract 15 from above. ● Now divide the last result by the original number. ● Finally add 7 to the result.	3																																				

Q5	Solve the puzzle Find me: Who am I? ● I am a 2-digit number. ● The sum of my digits is 10. ● I am greater than 8 but less than 30. ● What number am I?	3
Q6.	Find the number Make square grid of numbers 1 to 100 and find the number. ● The following clues may be written on the blackboard: ➤ The number is greater than 9. ➤ The number is not a multiple of 10. ➤ The number is a multiple of 8. ➤ The number is even. ➤ The number is not a multiple of 11. ➤ The number is less than 175. ➤ Its ones digit is larger than its tens digit. ➤ Its tens digit is odd.	5
Q7.	Write three sentences/statements for the given number sentences $3+5=8$	3
Q8.	Find 6 possible time in the 12 hour clock of the form 4:44, 10:10, etc.	3
Q9	Find the following 1. Find a shape with all 3 sides. 2. Find a shape with 5 angles. 3. Find a 4-sided figure with a pair of parallel sides.	3
Q10.	Find the following mathematical terms in the grid below Words are: Circle, Octagon, Square, Parallelogram, Star, Hexagon, Quadrilateral, Triangle, Kite and Rectangle.	

	E C L A S Q U A R E I F R N	
	O M S U G O C T A G O N F	
	H E X A G O N A R O U P L E	
	A T U G C E H R N L T S A	
	H O E R I A L U T W O E Q I	
	Q U A D R I L A T E R A L	
	R M A O T E S R K I T E L Q	
	O B E T R I A N G L E V T	
	I R C A L E T K I N B A C X	
	O E R G P S A C O V X T G	
	P A R A L L E L O G R A M I	
	R R E C T A N G L E L M T	
	U A D L R O E L L I P S E E	
	S P H C I R C L E U A X N	
	P O D S I R L C A E D S Y U	