



Name _____
Roll No. _____
Time: 2:30 hrs

Mid Term Test - 1 (August,2024)
Class IV__

Max Marks: 60
Date: 30.08.2024
Sub: Mathematics



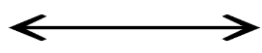
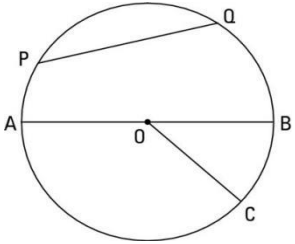


General Instructions:

1. The Question Paper contains five sections.
2. Section A consists of 20 questions of 1 mark each.
3. Section B consists of 1 question of 4 marks.
4. Section C consists of 5 questions of 2 marks each.
5. Section D consists of 6 questions of 3 marks each.
6. Section E consists of 2 questions of 4 marks each.

Section A		
Section A consists of 20 questions of 1 mark each.		
Q. No.	Tick the correct option:	Marks
1.	$2648 \times 134 \times 16 = \underline{\hspace{2cm}} \times 16 \times 134$ a) 42,368 b) 2144 c) 2648 d) 134	1
2.	5:33 pm is same as _____ hours in 24-hour clock a) 1533 b) 0533 c) 0733 d) 1733	1
3.	The number which is 2 lakhs less than 7,28,103 is: a) 5,28,103 b) 7,26,103 c) 7,08,103 d) 6,28,103	1
4.	The diameter of the circle is 14 cm. What will be the measure of its radius? a) 4 cm b) 28 cm c) 7 cm d) 8 cm	1
5.	Bittu started walking to his school at 0800 hours. It took him 15 minutes to reach the school. At what time did he reach the school? a) 0820 hours b) 0815 hours c) 0900 hours d) 2015 hours	1
6.	The curve that has same starting and end point is called _____ curve. a) closed b) open c) simple d) not simple	1

Fill in the blanks:		
7.	$8,14,317 - \underline{\hspace{2cm}} = 8,14,217$	1
8.	$60 \times 40 = \underline{\hspace{2cm}}$	1
9.	My father leaves home for office at $\underline{\hspace{2cm}}$ hours. (0925/ 2125)	1
10.	$125 \times 100 \times 0 = \underline{\hspace{2cm}}$	1
11.	A $\underline{\hspace{2cm}}$ has two end points.	1
12.	$14,632 \times 1 = \underline{\hspace{2cm}}$	1
13.	$45,234 - 45,234 = \underline{\hspace{2cm}}$	1
True/ False:		
14.	Diameter is the longest chord of the circle.	1
15.	$42,117 - 1 = 42,118$	1
16.	A line cannot be measured.	1
17.	$6280 \times 100 = 62800$	1
18.	$2,35,890 - 10,000 = 2,25,890$	1
19.	12 noon = 0000 hours	1
20.	$215 \times 30 = 6450$	1

Section B																																
Section B consists of 1 question of 4 marks.																																
21.	<p>Dodging Tables:</p> <p>a) $8 \times 9 =$ _____ b) $12 \times 2 =$ _____</p> <p>c) $14 \times 6 =$ _____ d) $16 \times 3 =$ _____</p> <p>e) $15 \times 5 =$ _____ f) $13 \times 8 =$ _____</p> <p>g) $14 \times 4 =$ _____ h) $9 \times 7 =$ _____</p>	4																														
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22.	<p>Convert into 12-hour clock time:</p> <p>a) 0430 hours - _____</p> <p>b) 2040 hours - _____</p>	2																														
23.	Draw a line segment of length 6.5 cm	2																														
24.	<p>Name the following:</p> <p>a) A polygon with 6 sides is called _____.</p> <p>b) A polygon with 9 sides is called _____.</p>	2																														
25.	<p>Convert into 24-hour clock time:</p> <p>a) 1 : 50 a.m. - _____</p> <p>b) 11 : 15 p.m. - _____</p>	2																														
26.	<p>Find the missing digits:</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td></td> <td>TTh</td> <td>Th</td> <td>H</td> <td>T</td> <td>O</td> </tr> <tr> <td></td> <td>5</td> <td>6</td> <td>1</td> <td>8</td> <td>8</td> </tr> <tr> <td style="text-align: right;">-</td> <td>1</td> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td>2</td> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td>6</td> </tr> <tr> <td colspan="6" style="border-top: 1px solid black; height: 5px;"></td> </tr> <tr> <td></td> <td><input style="width: 20px; height: 20px;" type="text"/></td> <td>8</td> <td>9</td> <td>4</td> <td><input style="width: 20px; height: 20px;" type="text"/></td> </tr> </table>		TTh	Th	H	T	O		5	6	1	8	8	-	1	<input style="width: 20px; height: 20px;" type="text"/>	2	<input style="width: 20px; height: 20px;" type="text"/>	6								<input style="width: 20px; height: 20px;" type="text"/>	8	9	4	<input style="width: 20px; height: 20px;" type="text"/>	2
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Section D			
Section D consists of 6 questions of 3 marks each.			
27.	Arrange in columns and multiply: 1128×63	3	
28.	Add: 6 years 9 months + 4 years 6 months	3	
29.	Find the difference between: $5,31,489 - 2,62,854$	3	
30.	Identify the following and name them: a)  b)  c)  _____ _____ _____	3	
31.	If 146 cricket balls can be packed in one box, then find the number of balls that can be packed in 75 such boxes.	3	
32.	In a cold storage, there were 1,42,215 boxes of mangoes. 78,805 boxes were sent for sale in market. How many boxes of mangoes are left in cold storage?	3	
Section E			
Section E consists of 2 questions of 4 marks each.			
33.	From the given figure name the following: a) Radius - _____ b) Diameter - _____ c) Chord - _____ d) Centre - _____		4
34.	a) Find the product by lattice multiplication : 382×47 b) Identify the following curves as simple or not simple : i)  ii)  _____ _____	4	



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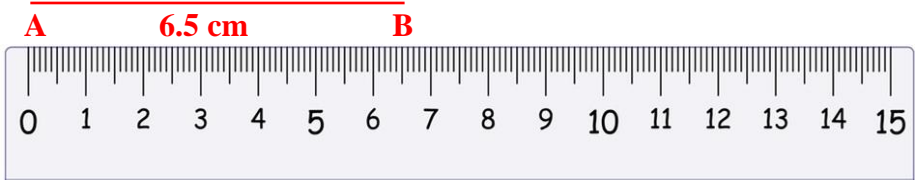
Answer key

General Instructions

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Q. No.	Tick the correct option:	Marks
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2.	5:33 pm is same as <u>1733</u> hours in 24-hour clock a) 1533 b) 0533 c) 0733 <input checked="" type="checkbox"/> d) 1733	1
3.	The number which is 2 lakhs less than 7,28,103 is: <input checked="" type="checkbox"/> a) 5,28,103 b) 7,26,103 c) 7,08,103 d) 6,28,103	1
4.	The diameter of the circle is 14 cm. What will be the measure of its radius? a) 4 cm b) 28 cm <input checked="" type="checkbox"/> c) 7 cm d) 8 cm	1
5.	Bittu started walking to his school at 0800 hours. It took him 15 minutes to reach the school. At what time did he reach the school? a) 0820 hours <input checked="" type="checkbox"/> b) 0815 hours c) 0900 hours d) 2015 hours	1
6.	The curve that has same starting and end point is called <u>closed</u> curve. <input checked="" type="checkbox"/> a) closed b) open c) simple d) not simple	1




Fill in the blanks:		
7.	$8,14,317 - \underline{100} = 8,14,217$	1
8.	$60 \times 40 = \underline{2400}$	1
9.	My father leaves home for office at <u>0925</u> hours. (0925/ 2125)	1
10.	$125 \times 100 \times 0 = \underline{0}$	1
11.	A <u>line segment</u> has two end points.	1
12.	$14,632 \times 1 = \underline{14,632}$	1
13.	$45,234 - 45,234 = \underline{0}$	1
True/ False:		
14.	Diameter is the longest chord of the circle. True	1
15.	$42,117 - 1 = 42,118$ False	1
16.	A line cannot be measured. True	1
17.	$6280 \times 100 = 62800$ False	1
18.	$2,35,890 - 10,000 = 2,25,890$ True	1
19.	12 noon = 0000 hours False	1
20.	$215 \times 30 = 6450$ True	1

Section B																										
Section B consists of 1 question of 4 marks.																										
21.	Dodging Tables: a) $8 \times 9 = \underline{72}$ b) $12 \times 2 = \underline{24}$ c) $14 \times 6 = \underline{84}$ d) $16 \times 3 = \underline{48}$ e) $15 \times 5 = \underline{75}$ f) $13 \times 8 = \underline{104}$ g) $14 \times 4 = \underline{56}$ h) $9 \times 7 = \underline{63}$	4																								
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22.	Convert into 12-hour clock time : a) 0430 hours – <u>4:30 a.m.</u> b) 2040 hours – <u>8:40 p.m.</u>	2																								
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	TTh	Th	H	T	O																					
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Section D

Section D consists of 6 questions of 3 marks each.

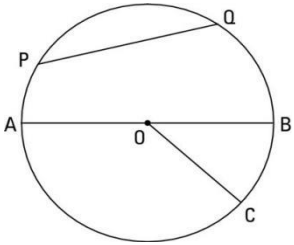
<p>27.</p>	<p>Arrange in columns and multiply: 1128×63</p> $ \begin{array}{r} 1128 \\ \times 63 \\ \hline 3384 \\ 67680 \\ \hline 71064 \end{array} $ <p style="text-align: right;">Ans: 71,064</p>	<p>3</p>																																			
<p>28.</p>	<p>Add: 6 years 9 months + 4 years 6 months</p> $ \begin{array}{r} \text{years} \quad \text{months} \\ 6 \quad 9 \\ + 4 \quad 6 \\ \hline 10 \quad 15 \\ + 1 \quad -12 \quad (12 \text{ months} = 1 \text{ year}) \\ \hline 11 \quad 03 \end{array} $ <p style="text-align: right;">Ans: 11 years 3 months</p>	<p>3</p>																																			
<p>29.</p>	<p>Find the difference between: $5,31,489 - 2,62,854$</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>L</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>4</td> <td>12</td> <td>10</td> <td>14</td> <td></td> <td></td> </tr> <tr> <td></td> <td>5</td> <td>3</td> <td>1</td> <td>4</td> <td>8</td> <td>9</td> </tr> <tr> <td>-</td> <td>2</td> <td>6</td> <td>2</td> <td>8</td> <td>5</td> <td>4</td> </tr> <tr> <td></td> <td>2</td> <td>6</td> <td>8</td> <td>6</td> <td>3</td> <td>5</td> </tr> </tbody> </table> <p style="text-align: center;">Ans- 2, 68,635</p>		L	TTh	Th	H	T	O		4	12	10	14				5	3	1	4	8	9	-	2	6	2	8	5	4		2	6	8	6	3	5	<p>3</p>
	L	TTh	Th	H	T	O																															
	4	12	10	14																																	
	5	3	1	4	8	9																															
-	2	6	2	8	5	4																															
	2	6	8	6	3	5																															

<p>30.</p>	<p>Identify the following and name them:</p> <p>a)  b)  c) </p> <p><u>Ray</u> <u>Simple/open curve</u> <u>Line</u></p>	<p>3</p>																																			
<p>31.</p>	<p>If 146 cricket balls can be packed in one box, then find the number of balls that can be packed in 75 such boxes.</p> <p>Number of cricket balls in 1 box = 146</p> <p>Number of cricket balls in 75 boxes = 146 × 75</p> $ \begin{array}{r} 146 \\ \times 75 \\ \hline 730 \\ + 10220 \\ \hline 10950 \end{array} $ <p>Number of cricket balls packed in 75 boxes are 10,950.</p>	<p>3</p>																																			
<p>32.</p>	<p>In a cold storage, there were 1,42,215 boxes of mangoes. 78,805 boxes were sent for sale in market. How many boxes of mangoes are left in cold storage?</p> <p>Total number of mango boxes = 1,42,215</p> <p>Number of mango boxes sent for sale = 78,805</p> <p>Number of mango boxes left = 1,42,215 – 78,805</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>L</td> <td>TTh</td> <td>Th</td> <td>H</td> <td>T</td> <td>O</td> </tr> <tr> <td></td> <td>0</td> <td>13</td> <td>11</td> <td>12</td> <td></td> <td></td> </tr> <tr> <td></td> <td>1</td> <td>4</td> <td>2</td> <td>2</td> <td>1</td> <td>5</td> </tr> <tr> <td>-</td> <td>0</td> <td>7</td> <td>8</td> <td>8</td> <td>0</td> <td>5</td> </tr> <tr> <td></td> <td>0</td> <td>6</td> <td>3</td> <td>4</td> <td>1</td> <td>0</td> </tr> </table> <p>63, 410 boxes of mangoes were left in cold storage.</p>		L	TTh	Th	H	T	O		0	13	11	12				1	4	2	2	1	5	-	0	7	8	8	0	5		0	6	3	4	1	0	<p>3</p>
	L	TTh	Th	H	T	O																															
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	0	6	3	4	1	0																															

Section E

Section E consists of 2 questions of 4 marks each.

33.	<p>From the given figure name the following:</p> <p>a) Radius - <u>$\overline{OA}, \overline{OB}, \overline{OC}$</u></p> <p>b) Diameter - <u>\overline{AB}</u></p> <p>c) Chord - <u>$\overline{PQ}, \overline{AB}$</u></p> <p>d) Centre - <u>O</u></p>	4
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34.	<p>a) Find the product by lattice multiplication : 382×47</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td></td> <td style="text-align: center; color: red;">3</td> <td style="text-align: center; color: red;">8</td> <td style="text-align: center; color: red;">2</td> <td></td> </tr> <tr> <td style="text-align: center; color: red;">1</td> <td style="border: 1px solid black; padding: 5px; color: red;">1 2</td> <td style="border: 1px solid black; padding: 5px; color: red;">3 2</td> <td style="border: 1px solid black; padding: 5px; color: red;">0 8</td> <td style="text-align: center; color: red;">4</td> </tr> <tr> <td style="text-align: center; color: red;">7</td> <td style="border: 1px solid black; padding: 5px; color: red;">2 1</td> <td style="border: 1px solid black; padding: 5px; color: red;">5 6</td> <td style="border: 1px solid black; padding: 5px; color: red;">1 4</td> <td style="text-align: center; color: red;">7</td> </tr> <tr> <td></td> <td style="text-align: center; color: red;">9</td> <td style="text-align: center; color: red;">5</td> <td style="text-align: center; color: red;">4</td> <td></td> </tr> </table> <p style="color: red; margin-top: 10px;">Ans: $382 \times 47 = 17,954$</p> <p>b) Identify the following curves as simple or not simple:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;"> <p>i) </p> <p style="color: red; text-decoration: underline;">simple</p> </div> <div style="text-align: center;"> <p>ii) </p> <p style="color: red; text-decoration: underline;">not simple</p> </div> </div> </div>		3	8	2		1	1 2	3 2	0 8	4	7	2 1	5 6	1 4	7		9	5	4		4
	3	8	2																			
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