

CBSE Sample Paper Class 6 Maths Set 1 Solutions

Time Allowed- 2 ½ Hours

M.M. – 60

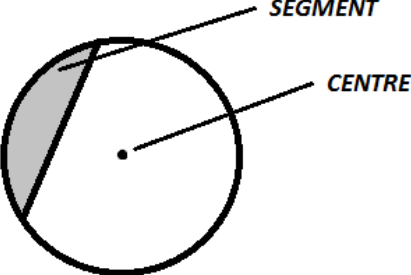
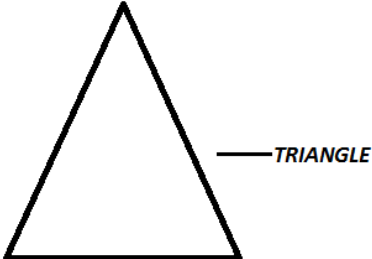
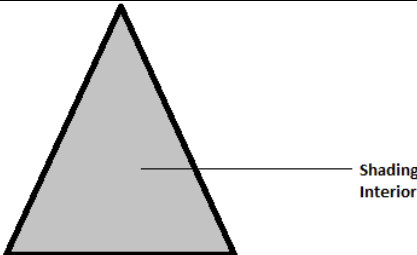
Section-A

Question No.		Marks
1.	(d) 1000	1 marks
2.	(a) 0	1 marks
3.	(c) 97	1 marks
4.	(c) \overline{AB}	1 marks
5.	(d) Not determinable	1 marks
6.	(b) Circle	1 marks

Section-B

Question No.		Marks
7.	Rounding - 4000-500	1 marks
	= 3500	1 marks
8.	$(1000+5) 168$	1 marks
	$=1000 \times 168 + 5 \times 168$	½ marks
	$=168000 + 840 = 168840$	½ marks

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9.	Prime no. less than 20 2, 3, 5, 7, 11, 13, 17 and 19.	2 marks
10.		2 marks
11.	$-3 < -2 < -1 < 0 < 1 < 2 < 3$	2 marks
12.		1 marks
		1 marks

Section-C

Question No.		Marks
13.	(a) 73,75,307	1 ½ marks
	(b) 9,05,00,041	1 ½ marks

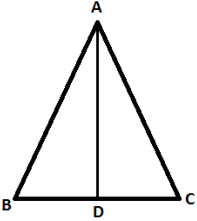
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14.	$738(100+3) = 738 \times 100 + 738 \times 3$	2 marks
	$= 738000 + 2214$	½ marks
	$= 740214$	½ marks
15.	Smallest 4 digit number- 1000	1 marks
	$2 \times 2 \times 2 \times 5 \times 5 \times 5$	2 marks
16.		1 marks
	(a) Two pairs of opposite angle (i) Angle 'K' and 'M' (ii) Angle 'L' and 'N'	1 marks
	(b) Two pairs of adjacent sides (i) KL and KN (ii) ML and MN	1 marks
17.	(a) $35 - (20) = 35 - 20$	1 marks
	$= 15$	½ marks
	(b) $(-32) - (-40) = -32 + 40$	1 marks
	$= 8$	½ marks
18.	Roman numerals in ascending order $I < V < X < L < C < D < M$	3 marks

Section-D

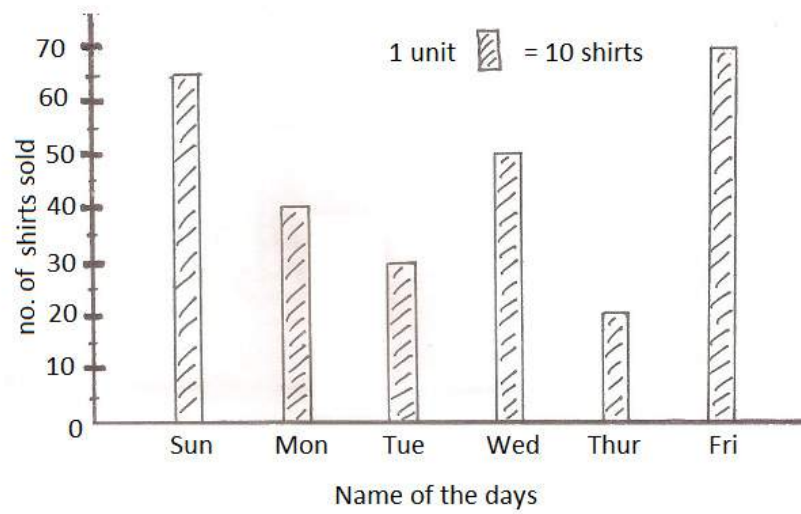
Question No.		Marks
19.	$(-7) + (-8) + (-90) = -7 - 8 - 90$	2 marks
	$= -105$	2 marks

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20.												
	(a) Triangles 'ABC', 'ABD' and 'ACD'.	2 marks										
	(b) Angles 'BAC', 'BAD', 'ABD', 'ACD', 'ADC', 'ADB' and 'DAC'.	2 marks										
21.	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">2</td> <td style="padding: 2px 5px;">6, 15, 18</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">3</td> <td style="padding: 2px 5px;">3, 15, 9</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;"></td> <td style="padding: 2px 5px;">1, 5, 3</td> </tr> </table>	2	6, 15, 18	3	3, 15, 9		1, 5, 3	2 marks				
2	6, 15, 18											
3	3, 15, 9											
	1, 5, 3											
	$2 \times 3 \times 1 \times 5 \times 3 = 90$	1 marks										
	$90 + 5 = 95$	1 marks										
22.	<p>Student travels in one day:</p> <p style="text-align: center;">$1\text{km } 875\text{m} \times 2 = 2\text{km } 1750\text{m} = 3\text{km } 750\text{m}$</p> <p>In 6 days:</p> <p style="text-align: center;">$3\text{km } 750\text{m} \times 6 \text{ days} = 18\text{km } 4500\text{m}$</p> <p style="text-align: center;">$= 22\text{km } 500\text{m}$ Answer</p>	1 marks										
		2 marks										
		1 marks										
23.	<p style="text-align: center;">1 unit \otimes = 10 animals</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">District-A</td> <td>$\otimes \otimes \otimes \otimes$</td> </tr> <tr> <td style="padding: 2px;">District-B</td> <td>$\otimes \otimes \otimes \otimes \otimes \otimes$</td> </tr> <tr> <td style="padding: 2px;">District-C</td> <td>$\otimes \otimes \otimes \otimes \otimes$</td> </tr> <tr> <td style="padding: 2px;">District-D</td> <td>$\otimes \otimes$</td> </tr> <tr> <td style="padding: 2px;">District-E</td> <td>$\otimes \otimes \otimes$</td> </tr> </table>	District-A	$\otimes \otimes \otimes \otimes$	District-B	$\otimes \otimes \otimes \otimes \otimes \otimes$	District-C	$\otimes \otimes \otimes \otimes \otimes$	District-D	$\otimes \otimes$	District-E	$\otimes \otimes \otimes$	2 marks
District-A	$\otimes \otimes \otimes \otimes$											
District-B	$\otimes \otimes \otimes \otimes \otimes \otimes$											
District-C	$\otimes \otimes \otimes \otimes \otimes$											
District-D	$\otimes \otimes$											
District-E	$\otimes \otimes \otimes$											
	(a) District-B	1 marks										
	(b) 3	1 marks										

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24.



Marks distributed on bar graph:

(a) Drawing line and naming the day and number of shirts sold.

1 marks

(b) Showing measurement of unit.

1 marks

(c) Drawing bars.

2 marks