

Kendriya Vidyalaya NDA, Pune -23

Half-Yearly (2018-19)

Subject- Mathematics Answer key M.M- 80

Class – VII

Ques No.	Answers	Marks
1	2	1
2	3	1
3	4.008 Kg	1
4	Rs. 7.07	1
5	4 Hrs.	1
6	20 : 1	1
7	$a = 120'$, $b = 120'$, $c = 120'$, $d = 60'$	1+1
8	$x = 90'$, $y = 105'$	1+1
9	2%	$1 + 1/2 + 1/2$
10	Rs. 48.125	$1 + 1/2 + 1/2$
11	CPCT sides	1+1
12	Any two integers	1+1
13	$x = 70'$, $x = 60'$, $x = 40'$	1+1+1
14	54 , 31 , 35	1+1+1
15	SAS CPCT	$1 \frac{1}{2} + 1 \frac{1}{2}$
16	(i) $\angle AOD$, $\angle BOC$ (ii) $\angle EOA$, $\angle AOB$ (iii) $\angle AOB$, $\angle AOE$; $\angle AOE$, $\angle EOD$; $\angle EOD$, $\angle COD$	1 1 1
17	13 Yrs.	1+1+1
18	Rs. 16875	1+1+1
19	27,48,90	1+1+1
20	$x = 55'$, $y = 125'$, $z = 125'$ $x = 115'$, $y = 140'$, $z = 40'$	1+1+1
21	1 Hr.	1+1+1
22	9/4 m	1+1+1

23	(i) 24 , (ii) 0 , (iii) Value	2+1+1
24	Sides angles & vertices (i)Yes ASA (ii)CPCT (iii)CPCT	4
25	Girl= 11Yrs. , Father= 39 Yrs.	4
26	Amount= Rs. 30,000 , I = Rs. 1,000	2+2
27	Radhika = 5, Jay = 16	2+2
28	7/8 Litre	1+1+1+1
29	$x = 5$, $x = 10$, $x = 30$	2+2
30	Double bar graph with correct scale	4