

Rajiv Vidya Mission (SSA) Andhra Pradesh

Summative Assessment -2 (Model Paper)

Mathematics

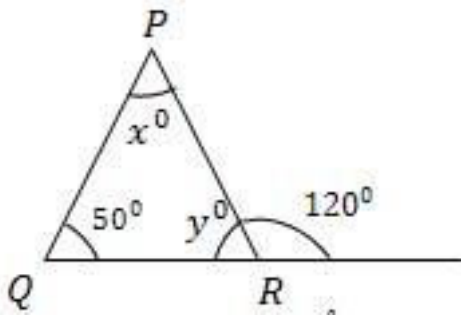
Class: - VII

Medium: -English

	Problem Solving					Reasoning			Communication			Connection			Representation		
Q.No	1	2	6	7	15	3	4	8	9	10	11	12	13	16	5	14	17
Grade																	
Competency Grade																	

I Solve the following problems

- 1) A rain fall of 0.896 cm was recorded in 7 hours. What was the average amount of rain per hour ?
- 2) Solve $3(x-3) = 5(2x+1)$
- 3) Find the values of x° and y°



4) Out of 12000 voters in a constituency, 60% voted. Find the numbers of people who did not caste their vote?

5) Draw a pie chart for the following data

Item Expenditure	Food	Health	Clothing	Education	Savings
Amount Spent	3750	1875	1875	1200	7500

II Solve the following problems

6) Find the value of $625 \times (-35) + (500) \times 65$

7) 10.05×1.05 , find the value?

8) Deepak painted $\frac{1}{8}$ part of a wall in a day. If he could work in the same manner, how many days

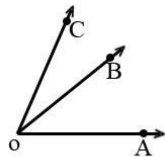
Will it take for him to complete $\frac{1}{2}$ part of a wall to be painted?

9) If $x=z$, $y=3$,

$3x$ $x + y$, $x+y$ xy $2y$ $x+y$

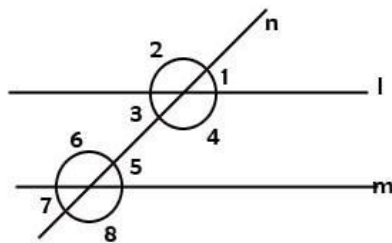
$3x$ $2y$, $x+y$ $y-x$ keep suitable ($>$, $<$, $=$) signs in the boxes

10)



Write adjacent angles of the figure

11)



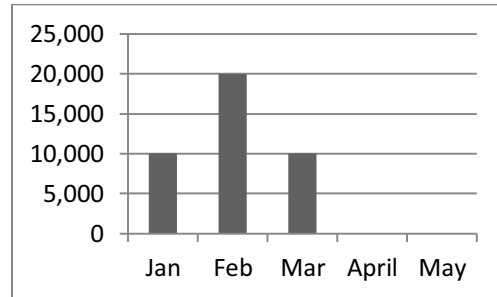
If 'l' and 'm' are parallel to each other then write the angles which are equal?

12) In a right angled triangle acute angles are in the ratio 2:3, find the angles of the triangle?

13) Last year the cost of the rice bag was Rs.500/-. Now the cost is Rs.650/-. Find the percentage of increase of cost?

14) Observe the table and the diagram

Month	Jan	Feb	March	April	May
Earnings	10,000	20,000	10,000	15,000	5,000



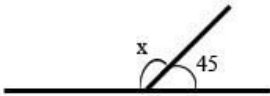
Draw the earnings of April and May on the graph

15 Place the correct answer in the bracket

- 1) Value of $0 \div 50$ ()
a) 0 b) 50 c) 1 d) 500
- 2) $(-36) \div (-4)$ is ()
a) -9 b) 9 c) 8 d) -8
- 3) $\frac{6}{7} \times 2$ is ()
a) $\frac{6}{14}$ b) $1\frac{5}{7}$ c) $\frac{12}{14}$ d) $\frac{3}{7}$
- 4) $X+5 = 9$, then the value of 'X' is ()
a) 14 b) -4 c) 4 d) -14

16 Fill in the blanks

- 1) 2m. 50cm : 4m = _____
- 2) Average of first 5 natural numbers = _____
- 3)



x = _____

- 4) 3 : 4 :: 12 : _____

17 Match the following

Crop	2005	2006	2007	2008
Ground nuts	1000	1200	1500	1000
Jowar	1500	1400	1800	1200
Milletts	2000	1600	900	1200

- a) Mean profit on Ground nuts () a) 1425
- b) Mean profit on Jowar () b) 1475
- c) Mean profit on millets () c) 1175
- d) Crop got maximum profit in 2006 () d) 1075
- e) Ground nuts
- f) Jowar,
- g) Millets