



S.NO	MCQ
1	c) 2 nd Quadrant
2	b) (3,5)
3	c) AC = PQ
4	c) Y = 0
5	a) 0
6	a) Supplementary
7	d) Irrational
8	b) 2
9	d) Between 180° and 360°
10	c) 3xyz
11	b) complementary
12	c) between 90° and 180°
13	c) Linear pair
	VSA
14	6 units
15	statement
16	-3
17	x + y = 0
18	3
19	0.049
20	7
21	45°
22	50°
23	$\Delta ABC \cong \Delta QRP$. SAS rule
24	90°
25	10
26	30°
	SA –I
27	(-2,0), (3,0), (-4,0) and (4,0)
28	P=16
29	Point $\rightarrow (2, 0)$ OR Y=3, a point on a number Line.
30	75°, 105°, 75°, 105°
31	$\Delta APB \cong \Delta APC$ (RHS Rule) 1.5 BP = CP (CPCT) OR Proof
32	Proper construction of number line with suitable scale, construction of right triangle with sides 1 unit each and hypotenuse $\sqrt{2}$ units .Mark $\sqrt{2}$ on number line by draw an arc with radius $\sqrt{2}$ units.
33	X=50° , y = 50° , x = y (alternate interior angles) $\Rightarrow l \parallel m$
34	Correct proof of the question
	SA-II
35	First remainder= -46 -2k Second remainder= -10 +k OR941192

	Equating, k = -12
36	K = 2
37	Proof
38	In ΔABC , $\angle ACB = 90 - \angle B$ (1). In ΔALB , $\angle BAL = 90 - \angle B$ (2). $\angle ACB = \angle BAL$ (From (1) and (2))
39	x = 65/198
40	$\frac{1}{x} = \sqrt{2} - 1$ $\left(x - \frac{1}{x}\right)^2 = 4$ OR Correct construction
41	P(2) = 20 P(-1) = 8 P(2) - p(-1) = 12
42	$\angle PSR = \angle PRS$. $\angle PSR > \angle Q$ OR $\Delta ABD \cong \Delta BAC$ SAS rule) $\angle PRS > \angle QAD = BC$ (CPCT PQ > PR \rightarrow PQ > PS
43	$\angle DBC = \angle DCB \rightarrow DC = DB$. $\Delta ABD \cong \Delta ACD$ (SSS rule) OR $AB + BC > AC$ $CD + DA > AC$ Add $\angle BAD = \angle CAD$ (CPCT) AD bisects
	LA
44	x = 25 43, 50, 87
45	$(x-y)(x+y)^3$ OR $(x+1)(x+1)(x-5)$
46	$\angle B = \angle C = 65^\circ$. $\angle ANM = \angle B = 65^\circ$. $\angle NMC = 180 - 65 = 115^\circ$.
47	Draw correct line .The point at which the line cuts y- axis is (0,5)
48	$p=0, q = \frac{-1}{11}$ $\sqrt[4]{5}, \sqrt[6]{7}, \sqrt[3]{2}$ and $\sqrt[12]{3}$ OR
49	Plotting the 4 points Joining correctly Identifying the figure Area