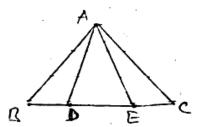
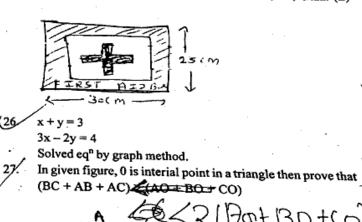
Annual Exam. 2016 – 2017 Class — 9	
Class — 9	
Subject —Maths	
Time: 3 % Hours Note: 1. Draw a graph pener in C. N. 20	
a brapa paper in Q. No. 26.	
2. Q.No. Marks per question	
11-15	
16-25	
26-30 8	
If $\sin \theta = \frac{5}{12}$. Then find value of $\cos \theta$.	,
13	1
If three angle's of quadrilateral are 75°, 90° & 75°. Then fi	nd .
rout angle.	1
Write the value of each angle in equilator triangle.	1
what coordinate of origin.	1
What is the definition of Trapezium.	1
In right angle triangle \triangle ABC, \angle C = 90°, then which side is biggest of \triangle ABC.	the
	1
If $y = 2x + 5$ and $x = 5$, then find the value of y. Write ratio of side a digoral of sprate way.	1
9. In ΔABC, AB = 3 cm, BC = 4 cm and CA = 5 cm, Wri	te of
perimetre of ΔABC.	1
In two digit no. unit digit is y & tenth digit is x, then wr	ite the
number. H. Multiply by sutra urdbya Tiprachburga 262 v 142	1
7 302 X 141	2
12. Factorise x ³ - 64 by use identities.	. 2
In given figure $\angle 1$ and $\angle 2$ are linear. If $\angle 2 - \angle 1 = 18^{\circ}$ th	en find
value of ∠1 and ∠2.	2
	-
2	

Prove that me How much time will be needed to a minute arm of clock to make 2 $\frac{3\pi}{2}$ radian angle. Locate $\sqrt{2}$ on the number line. The ratio of two numbers is 3:4. If 5 is subtracted from each of the number. The ratio becomes 5:7, find the numbers. In given figure AB = AC and BE = CD, prove that AD = AE. 4



board is 30° × 25°

The line draw through the mid point of one side of a triangle, parallel to another side bisects the third side. ABC and BDE are two equilateral triangles such that D is the mid point of side BC. Show that : ar (BDE) = $\frac{1}{4}$ ar (ABC). 4 Find area of quadrilateral ABCD. given AC = 15 cm side AB = 7 cm, BC = 12 cm, CD = 12 cm and AD = 9 cm. A box 1 m long, 60 cm wide and 40 cm deep in to be made. Write cost of painting at the are of Rs. 20 per m2. Construct a $\triangle ABC$ given side AB = 6 cm, angle $\angle ABC = 60^{\circ}$ and $\angle ACB = 30^{\circ}$. Construct a grouped frequency distribution table with class size 5 for the date given-13, 11, 8, 19, 0, 44, 27, 10, 8, 35, 13, 27, 30, 17, 43, 23, 19, 43, 17, 7. Find the cost of making two rectangular board at the rate of Rs. 10 per squre centimeter size of rectangular informational sign



Construct a trapezium PQRS in which PQ || RS, PQ = 6 cm, RS = 3 cm, PS = 3 cm and QR = 5 cm.

If ABCD is a quadrilateral, then prove that-