

1.								
	The vertices of $\triangle ABC$ are $A(2, 3)$	2), $B(-4, -4)$ and $C$	(5, -8). Find the le	ngth of a median of	a triangle, which is p	passing through the	point $C$ .	
	(1) $\sqrt{65}$			(2) $\sqrt{117}$				
14.	$(3)$ $\sqrt{85}$ mathongo /// mathongo	///. mathongo	/// mathongo	$(4) \sqrt{116}$				
2.	The points which trisect the line s	segment joining the p	oint $(0, 0)$ and $(9, 1)$	,	2)			
	(1) (3, 4), (6, 8) (3) (4, 3), (8, 6)			(2) (4, 3), (6, 8) (4) (3, 4), (8, 6)				
3	If $P(1,2)$ , $Q(4,6)$ , $R(5,7)$ and		mathongo		mathongo			
٥.	(1) $a = 2, b = 4$	S(a, b) are the vertice	s of a paraficlogram	$(2) \ a = 3, \ b = 4$	4			
				(4) $a = 3, b = 3$				
4.	The point A divides the line segn	nent joining the points	(-5,1) and $(3,5)$ is			nates of points $B$ an	ad $C$ are $(1,5)$ and $(7,5)$	(7, -2)
	respectively. If the area of $\Delta AB0$							/// 11
	$(1) \frac{32}{9}$			(2) 7				
	(3) $\frac{94}{9}$			$(4) \frac{31}{9}$				
5./.	The area of a triangle is 5. If two	of its vertices are (2,	1), $(3, -2)$ and the		the line $y = x + 3$ , the line $y = x + 3$	nen the third vertex	is -// mathongo	
	$(1) \left(-\frac{7}{2}, -\frac{13}{2}\right)$			(2) $\left(-\frac{7}{2}, \frac{13}{2}\right)$				
	(3) $\left(\frac{7}{2}, -\frac{13}{2}\right)$			$(4)  \left(\frac{7}{2}, \frac{13}{2}\right)$				
6.	Two vertices of a triangle (5, 4)			the third vertex has				
	(1) (12, 10)			(2) (10, 12)				
	(3) (-10, 12) // mathongo			(4) $(12, -10)$				
7.	If the sides of a triangle are given	by the equations $x$ –	$y+1=0, \; x+y-1$	+3=0 and $2x+5$	y-2=0, then the c	oordinates of its ort	hocentre are	
	(1) (2,1) mgthongo			(2) (2,-1)				
	$(3) \ (-2,1)$			(4) $(-2,-1)$				
8.		vertices are $(0,0),(3,4)$	1) and (4, 0) is	(2) (9 5/4)				
	(1) $(3,7/3)$ (3) $(5,-2)$			(2) (3,5/4)  (4) (3,3/4)				
9.	The vertices of a triangle are $A(0)$	$(0,0),\ B(0,2) \ { m and} \ C(2)$	. 0), then find the di		orthocentre and circu	mcentre.		
		///. mathongo		(2) $\sqrt{2}$ units				
	(3) $\frac{1}{\sqrt{2}}$ units			(4) $\sqrt{3}$ units				
10.	If the middle points of the sides of	of a triangle be $(-2, 3)$	3), $(4, -3)$ and $(4, -3)$	, 5), then the centro	aid of the triangle is			
	$(1) \left(\frac{5}{3}, 2\right)$		mational		old of the triangle is -	/// mathongo		
	(3')		mathongs	$(2) \left(\frac{5}{6}, 1\right)$	old of the triangle is -	/// mathongo		
	>		/// /mai/long(	$(2) \left(\frac{5}{6}, 1\right)$	or the triangle is -	//. mathongo		
	(2) ( 5)		/// mathongs	$(2) \left(\frac{5}{6}, 1\right)$		/// mathongo		
	$(3) \left(2, \frac{5}{3}\right)$			$(2) \left(\frac{5}{6}, 1\right)$				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo mathongo			$(2) \left(\frac{5}{6}, 1\right)$ $(4) \left(1, \frac{5}{6}\right)$				
	$(3) \left(2, \frac{5}{3}\right)$			$(2) \left(\frac{5}{6}, 1\right)$ $(4) \left(1, \frac{5}{6}\right)$				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo mathongo mathongo mathongo			$(2) \left(\frac{5}{6}, 1\right)$ $(4) \left(1, \frac{5}{6}\right)$ mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo mathongo			$(2) \left(\frac{5}{6}, 1\right)$ $(4) \left(1, \frac{5}{6}\right)$ mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo mathongo mathongo mathongo			$(2) \left(\frac{5}{6}, 1\right)$ $(4) \left(1, \frac{5}{6}\right)$ mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo /// mathongo /// mathongo			(2) $\left(\frac{5}{6}, 1\right)$ (4) $\left(1, \frac{5}{6}\right)$ mathongo				
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	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo /// mathongo /// mathongo /// mathongo /// mathongo			(2) $\left(\frac{5}{6}, 1\right)$ (4) $\left(1, \frac{5}{6}\right)$ mathongo  mathongo  mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo /// mathongo /// mathongo			(2) $\left(\frac{5}{6}, 1\right)$ (4) $\left(1, \frac{5}{6}\right)$ mathongo  mathongo  mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo /// mathongo /// mathongo /// mathongo /// mathongo			(2) $\left(\frac{5}{6}, 1\right)$ (4) $\left(1, \frac{5}{6}\right)$ mathongo  mathongo  mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo			(2) $\left(\frac{5}{6}, 1\right)$ (4) $\left(1, \frac{5}{6}\right)$ mathongo  mathongo  mathongo  mathongo				
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	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo			(2) $\left(\frac{5}{6},1\right)$ (4) $\left(1,\frac{5}{6}\right)$ Mathongo  Mathongo  Mathongo  Mathongo  Mathongo  Mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo			(2) $\left(\frac{5}{6},1\right)$ (4) $\left(1,\frac{5}{6}\right)$ Mathongo  Mathongo  Mathongo  Mathongo  Mathongo  Mathongo				
	(3) $\left(2, \frac{5}{3}\right)$ mathongo /// mathongo			(2) $\left(\frac{5}{6},1\right)$ (4) $\left(1,\frac{5}{6}\right)$ Mathongo  Mathongo  Mathongo  Mathongo  Mathongo  Mathongo				