

a)

		2		7	1	1.	
4	-	×	+	35C	at		4)
7		2				-	1

b) 
$$A(-2,5)$$
,  $B(4,3)$  and  $O(0,0)$ 

$$y-5=-\frac{1}{3}(x-(-3))$$



b) i) continued.

6)

ii) AB = 2-10 A(-2,5), B(4,3)

6

(ii) 0 (0,0) line AB, = x+3y-13=0 where a=1, b=3, c=-13

$$= \frac{|(0) + 3(0) - 13|}{\sqrt{12 + 3^2}}$$



) continued	0		
-13 1			
1710			

= 13

iv)

i perpendicular distance from 0 to line AB is To units

6	
1	. 1
V	
v	



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v)				
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