

WANDOOR GANITHAM - S S L C UNIT TEST 2021

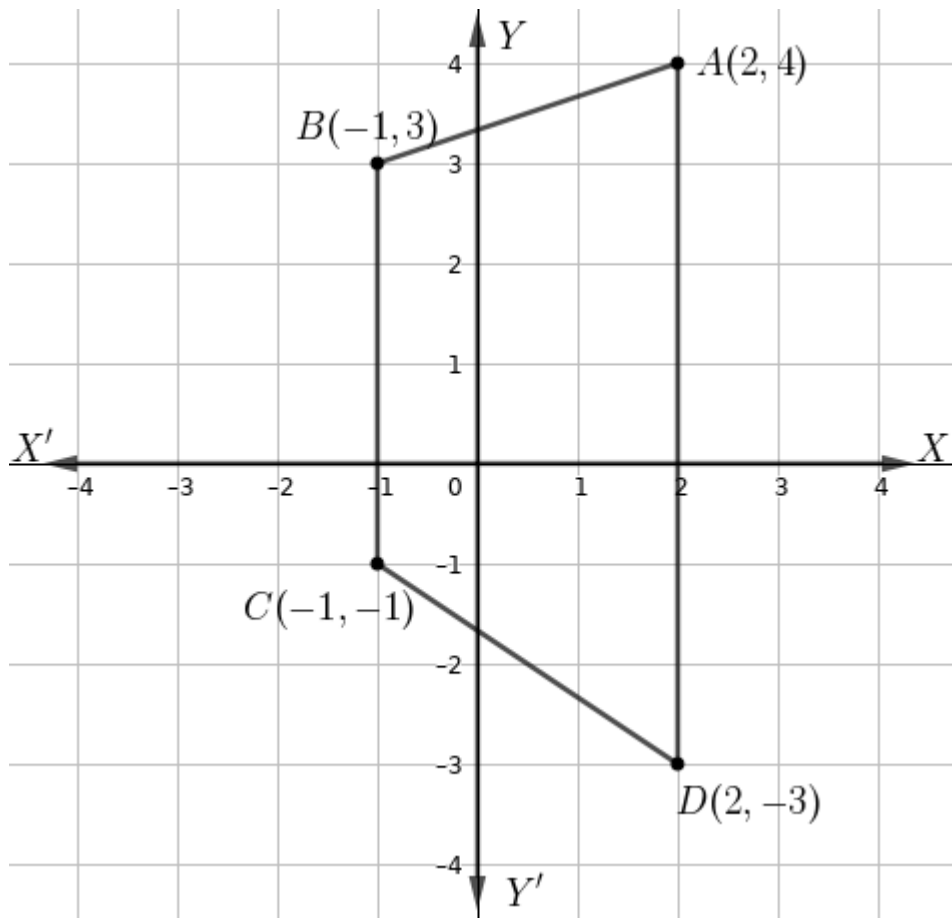
5.06BE

COORDINATES – ANSWER KEY

Qn no.	Key	Score	
1	$A(-2,3)$ $B(3,-4)$	1 1	 2
2	a) 0 b) (5,1) or any pair of numbers with x coordinate 5.	1 1	 2
3	a) (4,1) b) (9,3)	1 1	 2
4	a) (10,0) or (-10,0) b) (0,10) or (0,-10) c) $(m-0)^2+(n-0)^2=10^2$	1 1 1	 3
5	a) 5 b) $(5,5\sqrt{3})$ c) $(0,5\sqrt{3})$	1 1 1	 3
6	a) $AB=\sqrt{(6-1)^2+(2-3)^2}=\sqrt{26}$ b) $BC=\sqrt{(4-6)^2+(5-2)^2}=\sqrt{13}$ c) $AC=\sqrt{(4-1)^2+(5-3)^2}=\sqrt{13}$ Since $BC=AC$, ABC is an isosceles triangle .	1 1 1 1	 4

7

a)



3

b) Trapezium