Soil Survey: Area Calculation

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Ask: A Question

Can you calculate an Area for a random shape?
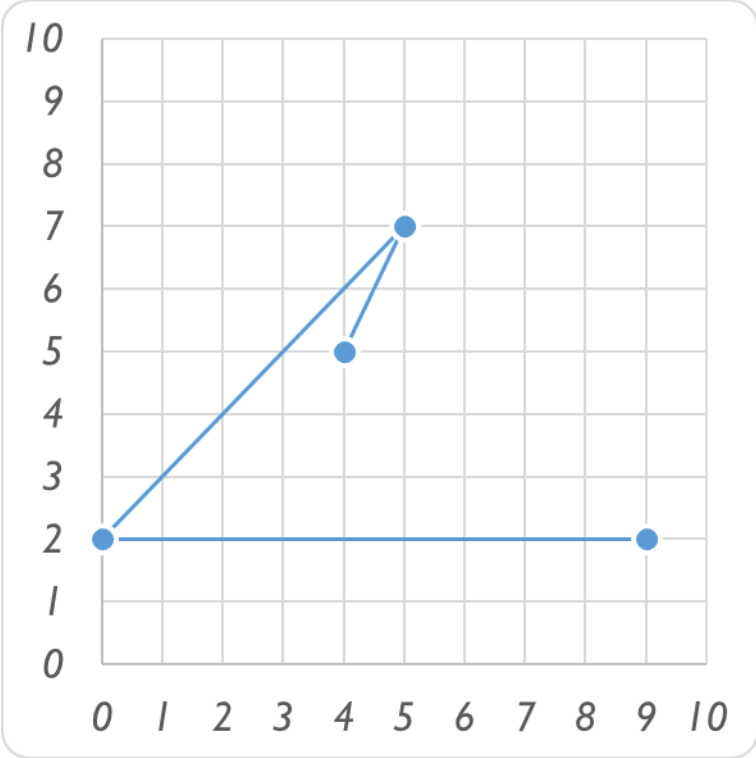
MS Excel

Generate: RANDBETWEEN Function

	A	B
1	X	Y
2	= RANDBETWEEN(0;10) = 4	= RANDBETWEEN(0;10) = 5
3		
4		
5		
6		

MS Excel

Generate: Open Path

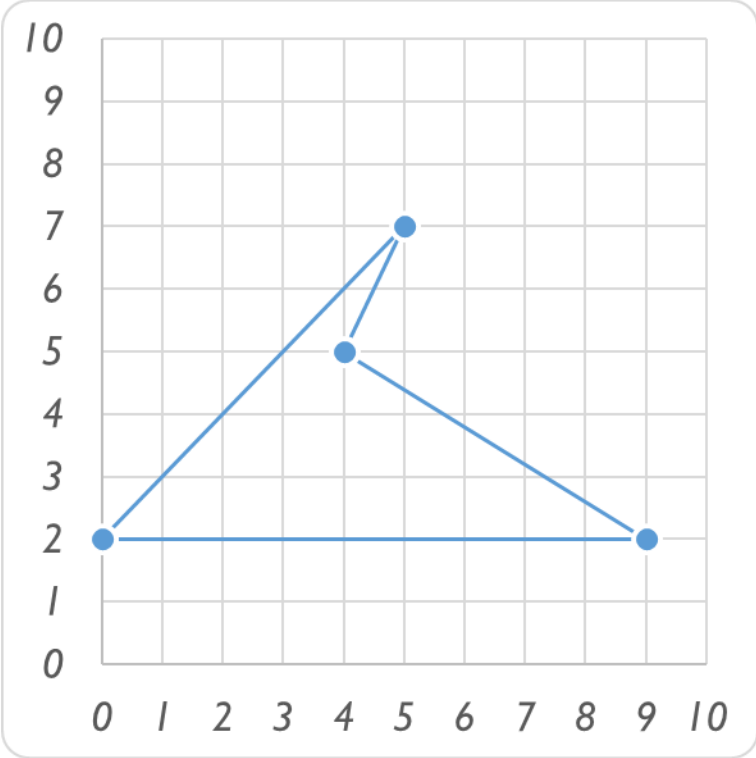|	A	B
1	X	Y
2	4	5
3	5	7
4	0	2
5	9	2
6		

MS Excel

Generate: Open Path

Generate: Close Path

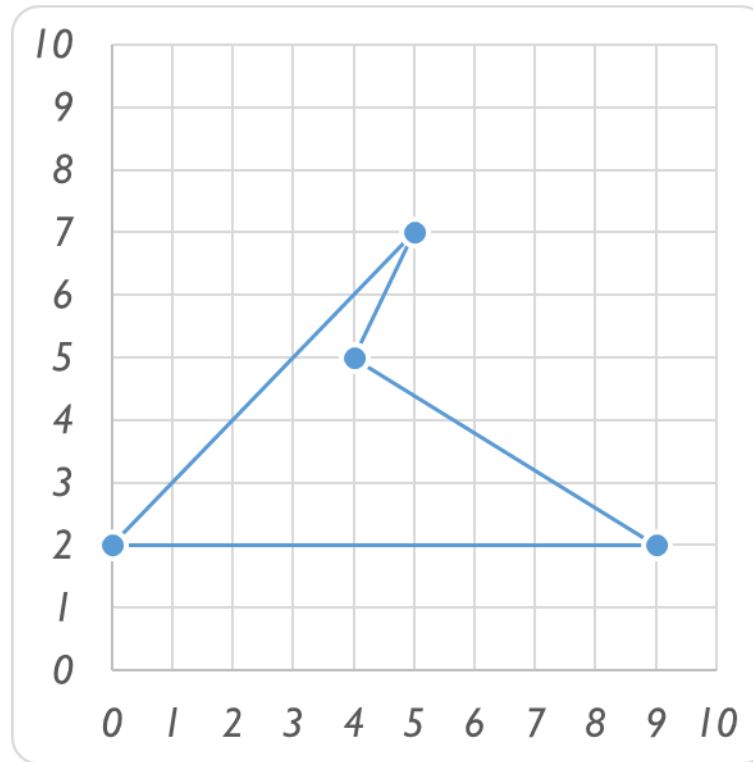|	A	B
1	X	Y
2	4	5
3	5	7
4	0	2
5	9	2
6	= A2	= B2

MS Excel

Generate: Close Path

	A	B
1	X	Y
2	4	5
3	5	7
4	0	2
5	9	2
6	4	5

MS Excel

Generate: Close Path

Calculate: Area

Answer: the Question

Yes, I can.

Area = A1 + A2 + ...

MS Excel