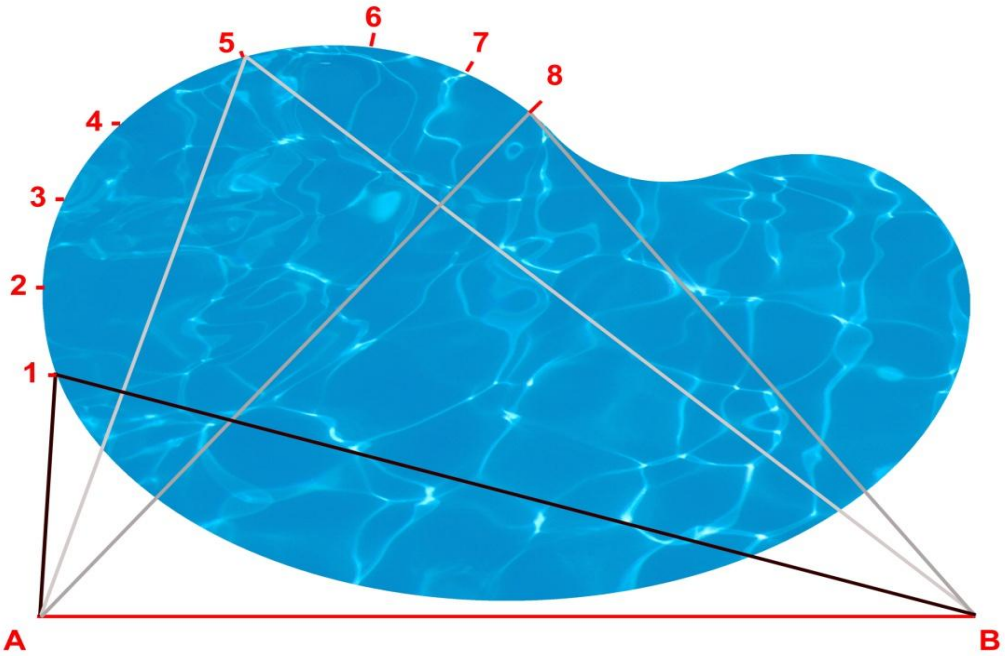
Pool Survey Form

Avon Scientific

These instructions will guide you through the easy and accurate Triangulation method for surveying freeform pools.

1. Using chalk or wax, mark two points A and B, to one side of the pool.
Ideally, these points should be at opposite ends of the pool, at least 6 feet from the edge, and wider apart than the length of the pool.
The wider apart the A and B, and the further away they are from the pool, the more accurate the survey will be.
Make sure that there are no obstructions between points A and B and the pool edge.
Measure the distance A to B, and record on the form.



2. Mark a number of points approximately 2 feet apart around the edge of the pool, numbering them as you go.
The joints between the coping stones are a good point to use.
On highly curved areas, the points should be closer together.

3. When all the points are marked, measure the distance from A to each point, ie A1, A2, A3,etc. and record on the form.
It is important to make sure the tape is secure at each end, any movement will create errors.
It is also important that the tape remains taught at all times and is not bent around any obstructions such as pool ladders.

4. Repeat, measuring from point B.

5. If there are any obstructions that need to be taken into account, such as pool ladders or diving boards, take measurements to these from A and B, and record on the form.

Pool Survey Form

Name

Distance A to B:

A		B
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

A		B
	21	
	22	
	23	
	24	
	25	
	26	
	27	
	28	
	29	
	30	
	31	
	32	
	33	
	34	
	35	
	36	
	37	
	38	
	39	
	40	

Please provide measurements to any obtsructions such as ladders, diving board supports, etc

A		B

Finally, please provide a very rough sketch to indicate the position of the AB line.