

	(iv)	See below.	2	1 mark for dealing with negative values 1 mark for finding correct lift
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1. loop for each value in distance array
2. if value < 0 then
3. convert to a positive value
4. end if
5. end loop
6. set position of minimum = 0
7. loop for each lift
8. if distance < minimum then
9. update position of minimum
10. end if
11. end loop
12. display lift number

Note: a pre-defined function may be used to find magnitude and ignore sign of each value. Or negative values can be made positive inside finding minimum algorithm.