

		(iv)	See below.	2	1 mark for dealing with negative values 1 mark for finding correct lift
			<ol style="list-style-type: none"> 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 <p><i>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.</i></p>		