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Wath	3298	Worksheet	45.	Lagrange	multiplier	and	extremization	review
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Group members	(2  to  4):			
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(1) Find the points on the surface S closest and farthest away from the point (-1,1,1), where S is the portion of the graph z=xy with  $x^2+y^2\leq 1$ . (Check both the interior and the boundary!)