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0 0	Given, vector $\omega = \vec{\omega} = x^2 + x^2 \vec{y} + 24x \vec{y}^2 z^3 \vec{x}$
3 - 37	Wineu nector man and a stand
	To find: curl of vector w at poret (1,8,1)
	Solution: curl of w = V x w
	= (x3+13+K3)x(x1+x2y1+24x423x)
	= 1 j k = ; (48 xy-23) - j (24y2-23) + k (2xy)
	x x x 2 24xy 2 3
	13 200
	curl of w at (1,3,1) %
	= i(4813) - j 24(9) + K(2)(3)
	= 144î -216] + 6k
•	
2	
	FOR EDUCATIONAL USE