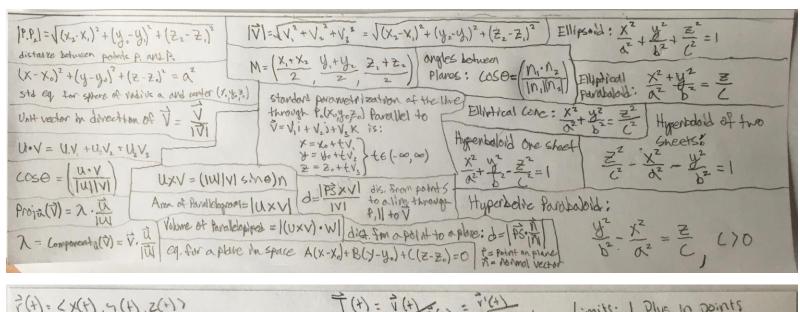
The distance between P.(2,1,5) and P.(-2,3,0) is? A: use distance formula to get d= 1775	Find the (a) component form (b) length of the voctor formed by initial poly P(-3,4,1) and termin Point Q(-5,2,2)	ut longth = IVI	Find the di Plane $3x + n = \langle 3, z, 6 \rangle$ $d = \overrightarrow{PS} \cdot \overrightarrow{N} $,7	to the
Find the angle between $N=i-2j-2k$ and $0=cos^{-1}\left(\frac{U\cdot V}{ VI VI }\right)=1$.	76 rad	J=75-4K V=	uxv), W X= y 2 2	And the distance from portion $d = PS \times V $ $d = 1 + t$ $d = 2 + t$ $d = \sqrt{5}$	
1. \(\(\x \gamma\) = 5xy - 7x^2 - 6 \(\frac{\delta}{\delta} = 5y - 14x + 3 \) \(\frac{\delta}{\delta} = 5y - 14x + 3 \) \(\frac{\delta}{\delta} = 5y - 14x + 3 \) \(\frac{\delta}{\delta} = 5y - 14x + 3 \) \(\frac{\delta}{\delta} = 5y - 14x + 3 \) \(\frac{\delta}{\delta} = 5xy	ne of cti-sint, cost > te[-11,17] on of the curve reti- = 60,7/2,7/2)	7. F f(xii) re ctcost, tsint, t)	2= f(+19) = 1 Domain: { f(Range: - 0 4	2200 al Devivative of (0,2)	The state of the s
	A plane find the form of the control of the contr	/d-6x +1 on	tanction Find all none f(x,y) =	11 critical points of 12 12 12 one critical point; (-1, 1/4) He	15/1/2 Hersian Intimustion of) =-2 dy=-8 == f(x)=-h(-f)-(0)(0)=16 1670 14(-1,-1)2 LO 1, 2) is a local max of ((x,y))
Line Integrals S x-3y2+2 over the line segment where (0,0,0) joins Solt-3t2+t) V3 d	5 (1,1,1) Xy=9, y	Zansmi Cylind	answer	answer = 3 gangalang	



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+(+)= v(+) = v'(+)
7(4)= < x(+), y(+), z(+)
                                                                                  Limits: 1. Plug in points
                                               が出きかり
                                                                                          2. if lim = 8, Simplify
r'(+) = v(+)
12(+1)= 3(+)
                                                                                          3. Approach in Efferent way
                                               B(H= T(H×N(H))
かりまうこう
                                                                                            - Set 4:0 and 4= x or 4= mx
length = 10 Tx'(+) + 4'(+) = z'(+)2
                                                                                            - lim DNE if different
Gracient: 75 (x0,140) = ( &x (x0,140), &x (x0,140))
                                                                                          4. Polar Coordinates
Tongent: < x(+) + + , x'(+) , y(+) + + , y'(+) , z(+) + + , z'(+) >
Directional Derivative: of (xo140). Till K(+): 17'(+) = 1r'(+) xr"(+)|

Curvature 1V(+)| 1r'(+)|3
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