Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 19**	

Standard: This student is able to...	Mark:
C04: VectFuncSTNB. Compute and apply the arclength parameter and TNB frame for a vector function.	
3/4 ⋆ reattempt due on:	

Suppose the unit tangent and normal vectors for a parametrized curve are given by $\mathbf{T} = \frac{1}{2}\left\langle \cos t - \sin t, \sqrt{2}, \cos t + \sin t \right\rangle$ and $\mathbf{N} = \frac{1}{2}\left\langle -\sin t - \cos t, 0, -\sin t + \cos t \right\rangle$. Find the binormal vector $\mathbf{B}$ when $t = \pi$.

Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 19**	

Standard: This student is able to...	Mark:
S05: MulivarFunc. Sketch and analyze the domain, level curves, and graph of a two-variable real-valued function.	
2/3 ⋆ reattempt due on:	

Graph $f(x,y)=x^2+y^2$.

Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 19**	

Standard: This student is able to... **C05: MulivarCalc.** Compute and apply the partial derivatives, gradient, and directional derivatives of a multivariable real-valued function. 1/4 ⋆ reattempt due on:	Mark:

Find ∇g for $g(x,y,z)=3y^2e^z+4xz$.