MA 227-103 — Summer 2017 — Dr. Clontz

Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 June 12**	

Standard: This student is able to...	Mark:
C01: SurfaceEQ. Identify and sketch surfaces in three-dimensional Euclidean space.	
4/4 ⋆ reattempt due on:	

Sketch the equation $x^2 + z^2 = 4$ first as a curve in the xz plane, then as a surface in xyz space.

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Standard: This student is able to...	Mark:
C02: VectFunc. Model curves in Euclidean space with vector functions.	
3/4 ⋆ reattempt due on:	

Give a vector function parameterizing the line segment beginning at $\langle 1,2,3\rangle$ and ending at $\langle 4,0,-2\rangle$.

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Standard: This student is able to...	Mark:
C03: VectCalc. Compute and apply vector function limits, derivatives, and integrals.	
2/4 ⋆ reattempt due on:	

Find a vector tangent to the curve parameterized by $\mathbf{r}(t) = \langle t^2, t^3, t \rangle$ at the point $\langle 4, 8, 2 \rangle$.