## MA 227-103 — Summer 2017 — Dr. Clontz

Name:	Exercise Type:	
J#:	Quiz	
Date: <b>2017 June 07</b>		
Standard: This student is able to  S03: CrossProd. Compute and apply the cross product of		Mark:
two vectors.  3/3 * reatt	tempt due on:	

A force of 8 units is applied to a wrench at an angle of  $\pi/4$  radians to a point  $3\sqrt{2}$  units away from a bolt. What is the mangitude of the resulting torque?

## MA 227-103 — Summer 2017 — Dr. Clontz

Name:	Exercise Type:	
J#:	Quiz	
Date: <b>2017 June 07</b>		
Standard: This student is able to  C01: SurfaceEQ. Identify and sketch surfaces in three-dimensional Euclidean space.		Mark:
1/4 * reat	tempt due on:	

Sketch the surface  $(x-4)^2 + y^2 + (z+3)^2 = 4$  in xyz space.