Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 July 10**	

Standard: This student is able to...	Mark:
C08: TripleInt. Compute and apply triple integrals.	
4/4 ⋆ reattempt due on:	

Let D be the solid bounded by the sphere $x^2+y^2+z^2=9$. Express $\iiint_D \sqrt{x^2+y^2+z^2}\,dV$ as a triple iterated integral of the variables x, y, z. (Do not solve this integral.)

Name:	Exercise Type:
J#:	**Quiz**
Date: **2017 July 10**	

Standard: This student is able to...	Mark:
S08: TransVar. Compute and apply a transformation of variables.	
1/3 ⋆ reattempt due on:	

Let $\mathbf{T}(u,v)=\langle u+v+1,u-2v+3\rangle$ be the transformation from the unit square G with vertices $\langle 0,0\rangle$, $\langle 1,0\rangle$, $\langle 1,1\rangle$, $\langle 0,1\rangle$ in the uv plane to the parallelogram R with vertices $\langle 1,3\rangle$, $\langle 2,4\rangle$, $\langle 3,2\rangle$, $\langle 2,1\rangle$ in the xy plane. Use this tranformation to calculuate $\iint_R (2x+y)\,dA$.