Please PRINT your name		_
Please PRINT your name	 	

No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete, and coherent.

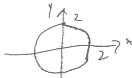
The quiz is worth \mathfrak{T} points. The solutions will be posted on my website later today.

Quiz 1, January 15, 2020

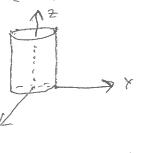
Give a geometric description of the set of points in 3-space whose coordinates satisfy both of the equations

The the xy plane $x^2+y^2=4$ and z=y.

The the xy plane $x^2+y^2=4$ is a circle:



In 3-space x + + x = 4 is a cylinder, (one drows the same circle for



In 3-stare Zzy is a plote lohe draws the save like for each x.)

The points the satisfy both

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Xtyrny and Y=2 in 3-spece

are the intersection of the cylinder

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