Provide a clear and organized presentation.

1. Set up, but do not evaluate, a triple integral that would determine the volume of the region bounded by the following equations in both rectangular and cylindrical coordinates. Provide a clear sketch of the region whose volume you seek.

$$2y-z+5=0$$
,  $x^2+y^2=2x$ , and  $z=0$ 

2. Set up, but do not evaluate, a triple integral that would determine the volume of the region bounded by the following equations in spherical coordinates. Provide a clear sketch of the region whose volume you seek.

$$z=5$$
,  $x^2+y^2=4x$ , and  $z=0$