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.

$$
2 y-z+5=0, x^{2}+y^{2}=2 x, \text { and } z=0
$$

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.

$$
z=5, x^{2}+y^{2}=4 x, \text { and } z=0
$$

