

Print your name: \_\_\_\_\_

Score
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1. Parametrize the torus (doughnut) given in spherical coordinates by the equation

$$\rho = \sin \phi.$$

2. Find a unit normal vector at the point  $(1, 0, 0)$ , which is when  $\rho = 1, \phi = \pi/2, \theta = 0$ .