## Quiz 9

Name
Section
Score
(7 points) Identify the surface whose equation is given as

$$
2 r^{2}+z^{2}=1
$$

(8 points) Evaluate

$$
\iiint_{B}\left(x^{2}+y^{2}+z^{2}\right) d V
$$

where $B$ is the ball with center the origin and radius 5 .

