

Quiz 7

Name: _____

Answer all questions in a clear and concise manner. Unsupported answers will receive *no credit*.

1. Find the volume of the solid of revolution generated by rotating the region bounded by $y = x^3 - x^2 - 2x$, $y = 0$, $x = -1$, and $x = 0$ around the y -axis. You may want to sketch the region being rotated.