Name:	

Math 121

Self-Assessment Quiz #12

May 19, 2021

- \bullet Please see the course we bpage for the answer key.
- 1. Compute the area bounded outside the polar curve $r = 1 + \sin \theta$ and inside the polar curve $r = 3 \sin \theta$. Sketch the Polar curves and shade the bounded area.
- 2. (\angle \angle \angl

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- **3.** (a) Sketch the polar curves $r = 2 + 2\cos\theta$ and $r = 2 2\cos\theta$ on the same graph.
- (b) Compute the area bounded between the polar curves $r = 2 + 2\cos\theta$ and $r = 2 2\cos\theta$.