

10 minutes
5 points for each question
No calculators allowed

Math 285.002
Quiz 2
September 22, 2000

Name

Do all of your work directly on this sheet, using the back for scratch if necessary. Circle your answers.

1. Find the length of the polar curve $r = 3\sin\theta$, $0 \leq \theta \leq \pi$.

2. (Straight out of homework). Find the vertices and foci of the ellipse $9x^2 - 18x + 4y^2 = 27$, carefully labeling which are which.