

For questions 26-29, you are given 5 equations, labeled a) through e), and 4 graphs, labeled I through IV. There is only one equation that corresponds to each graph. Code your answers on the scantron sheet.

- a) $r = 2 \cos \theta$
- b) $r = \cos 2\theta$
- c) $r = 1 - 2 \cos \theta$
- d) $x = \cos \theta, y = \sin 2\theta$
- e) $x = \cos \theta, y = 1 - \cos^2 \theta$

26. (2 pts.) Which equation corresponds to graph I?

27. (2 pts.) Which equation corresponds to graph II?

28. (2 pts.) Which equation corresponds to graph III?

29. (2 pts.) Which equation corresponds to graph IV?

