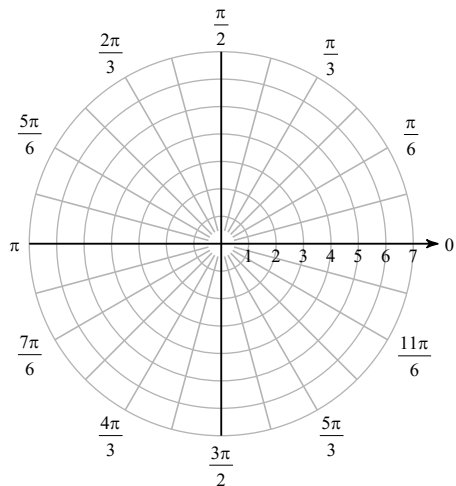


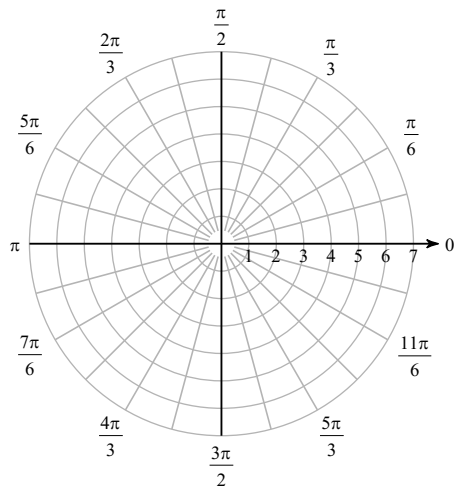
Limacon Graphing

Consider each polar equation. Sketch the graph.

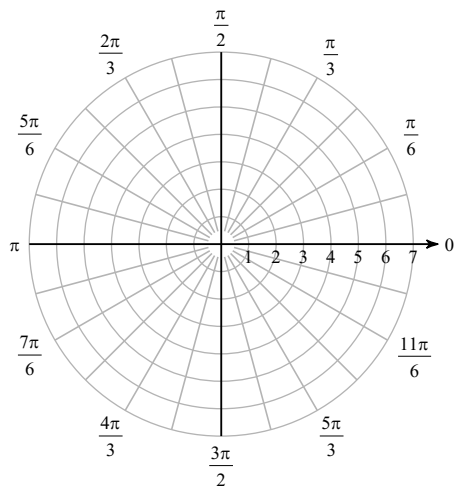
1) $r = 4 - \cos \theta$



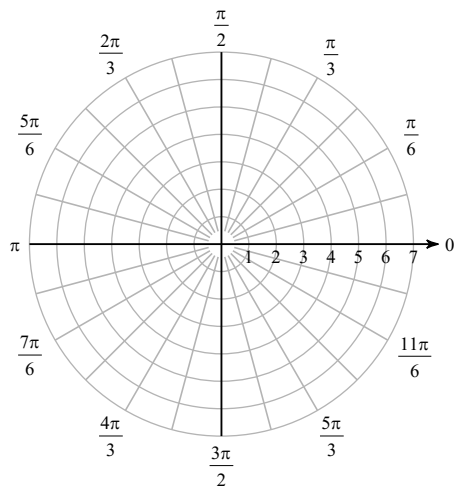
2) $r = 1 + 2\cos \theta$



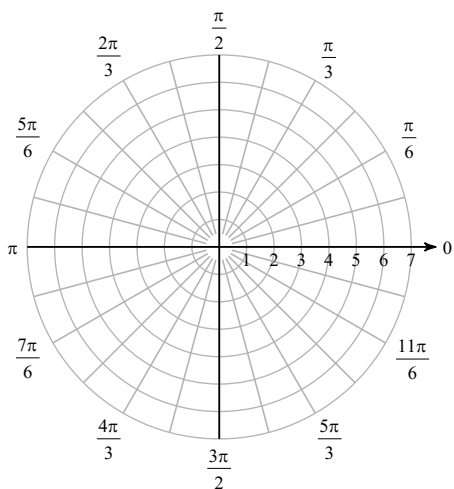
3) $r = 2 + 4\sin \theta$



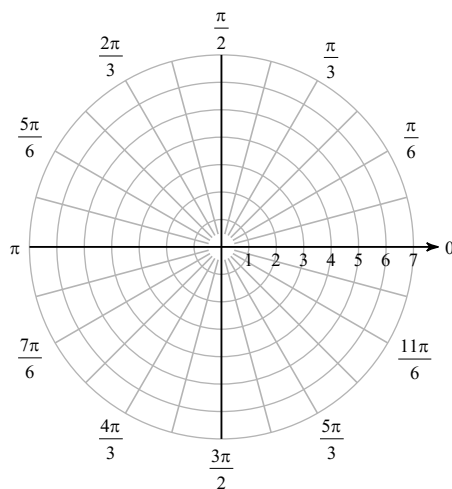
4) $r = 5 + 2\cos \theta$



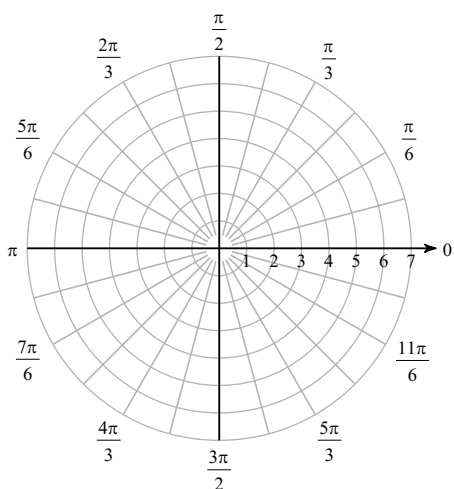
5) $r = 4 + 2\sin \theta$



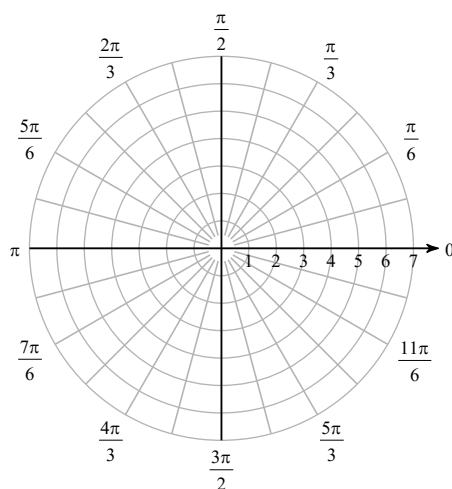
6) $r = 3 - 2\cos \theta$



7) $r = 2 - 4\sin \theta$



8) $r = 1 + 2\sin \theta$



Answers to Limacon Graphing

