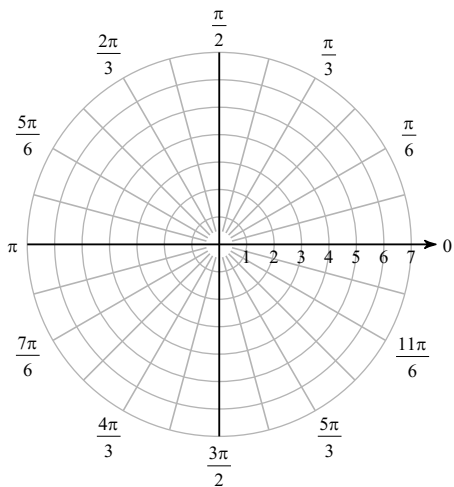


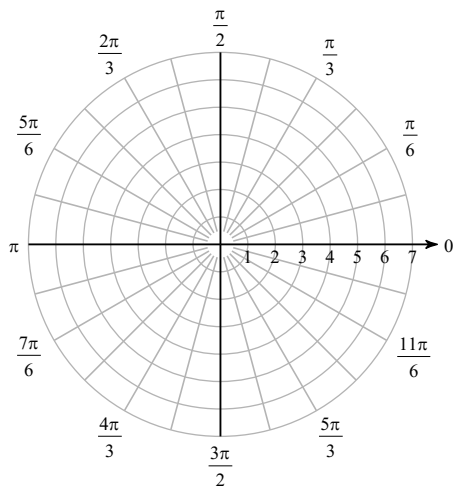
Lemniscate Graphs

Sketch the graph of each lemniscate. The form used here is another way to write the general form.

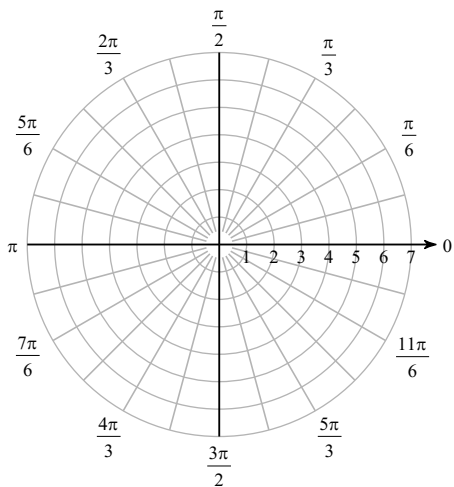
1) $r^2 = 36\cos(2\theta)$



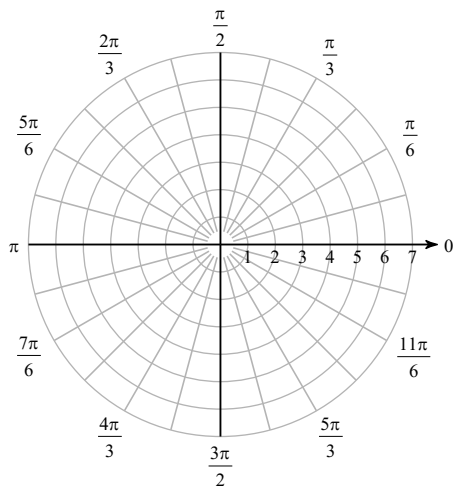
2) $r^2 = 49\sin(2\theta)$



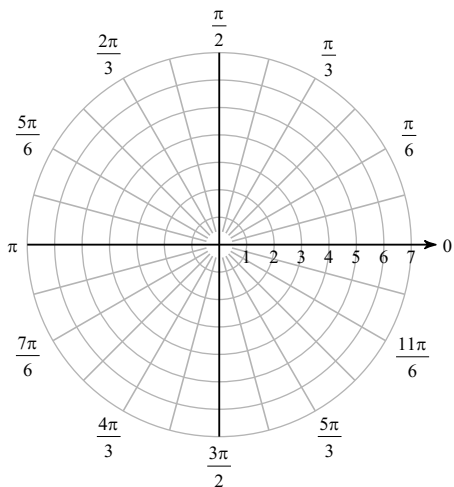
3) $r^2 = 9\sin(2\theta)$



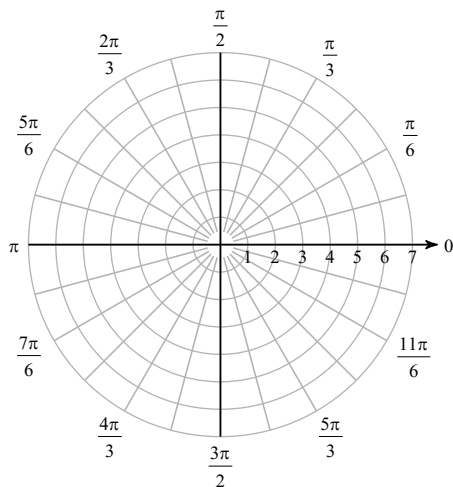
4) $r^2 = 4\cos(2\theta)$



5) $r^2 = 36\sin(2\theta)$



6) $r^2 = 16\cos(2\theta)$



Answers to Lemniscate Graphs

