

①  $r = \sin \theta$  (circle)

②  $r = \cos 2\theta$  (4-leaved rose)

③  $r = \sin 3\theta$  (3-leaved rose)

④  $r = 1 - \sin \theta$  (cardioid)

⑤  $r = 1 - 2\sin \theta$  (limaçon)