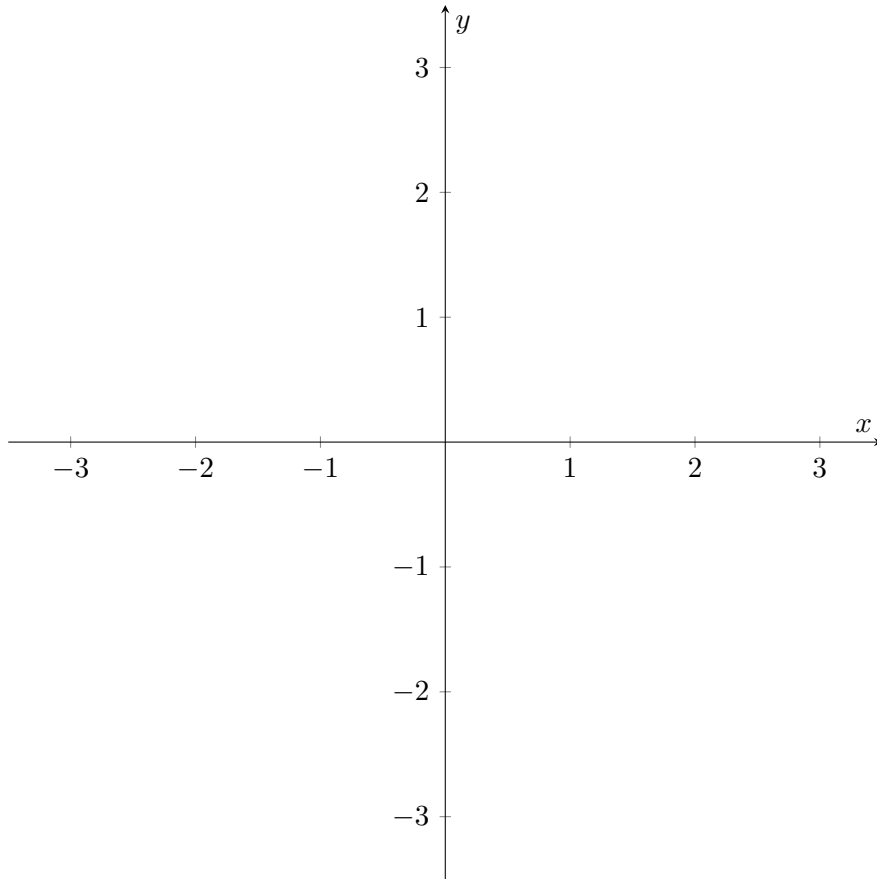


Name: \_\_\_\_\_

ID: \_\_\_\_\_

1. Sketch the polar curve  $r = 2 \cos 4\theta$ .



2. Find the area enclosed by one loop of the four-leaved rose  $r = \cos 2\theta$ .

