

Convert the equation to rectangular form, then identify the graph type.

1) $r = 3\sin\theta$

2) $\theta = \frac{-\pi}{3}$

Graph type:

Graph type:

3) $r = 10$

4) $r = 4\cos\theta$

Graph type:

Graph type:

5) $\tan\theta = 4$

Graph type:

Name _____

Date _____

6) $r = 8\csc\theta$

Graph type:

7) $r = -4$

Graph type:

8) $r = \frac{4}{2\cos\theta + \sin\theta}$

Graph type: