

Find **THREE** different pairs of polar coordinates that name the given point if  $-360^\circ \leq \theta \leq 360^\circ$  or  $-2\pi \leq \theta \leq 2\pi$

Identify the graph of each rectangular equation. Then convert the equation to polar form.

1)  $x = -2$

Graph type:

2)  $(x + 5)^2 + y^2 = 25$

Graph type:

3)  $y = -3$

Graph type:

4)  $x = y^2$

Graph type:

5)  $(x - 2)^2 + y^2 = 4$

Graph type:

6)  $(x - 1)^2 - y^2 = 1$

Graph type: