

# RECTANGULAR COORDINATES

$$(a, a)$$

x   y

# POLAR COORDINATES

$$(r, \theta)$$



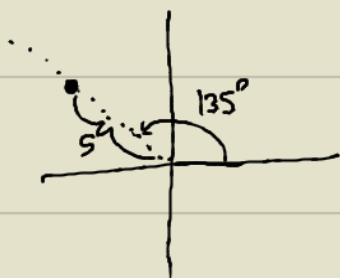
1. (a)

2.  $(5, 135^\circ)$

↑            ↑  
r            θ

3.  $(-a, \frac{\pi}{4})$

↑            ↑  
r            θ



4.  $(4, -\frac{3\pi}{4})$

r            θ

5.  $(-a, -\frac{\pi}{4})$

r            θ

