LAST NAME	FIRST NAME	DATE

1 (8 points). Find the rectangular coordinates for each point (r, θ):

(a) $(10, 2\pi/3)$

(b) $(6\sqrt{2}, -\pi/4)$

(c) $(-4, 3\pi/2)$

(d) $(-7, -1)$ (OK to round to 3 significant digits)

2 (4 points). Find polar coordinates for each point (x, y):

(a) $(7, -7)$

(b) $(-5, 8)$ (OK to round to 3 significant digits)

(c) $(-3, -3\sqrt{3})$