

Name \_\_\_\_\_  
Date \_\_\_\_\_

**Advanced Algebra**  
**Unit 10 Assignment #3**

Draw the following angles then:

1. Name a point that is on a terminal side
2. Name another angle that is co-terminal with the given angle.

1)  $135^\circ$

2)  $45^\circ$

3)  $225^\circ$

4)  $315^\circ$

5)  $90^\circ$

6)  $360^\circ$

7)  $-90^\circ$

8) Draw an angle of  $30^\circ$  in standard position. Then find a if the point  $(a, 1)$  is on the terminal side of  $30^\circ$

9) Draw a  $60^\circ$  angle in standard position. Then find b if the point  $(2, b)$  is on the terminal side of  $60^\circ$

10) Draw an angle in standard position whose terminal side contains the point  $(3, -2)$ . Find the distance from the origin to the point.

