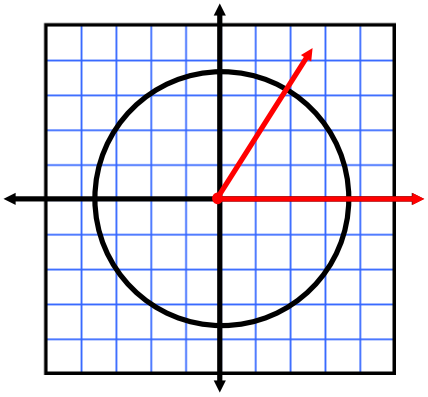
Advanced Math

4-1

Radian and Degree Measure

Degree Measure -



Radian Measure -

Unit conversion for degrees and radians:

*) Convert 45° to radians:

*) Convert 3 radians to degrees:

Determine the quadrant in which the angle lies.

5) a) $\pi/5$ b) $7\pi/5$ *) 4.85 rad

Sketch the angle in standard position.

11) a) $\frac{5\pi}{4}$ b) $\frac{2\pi}{3}$

Determine two coterminal angles, one positive and one negative, for each.
Write your answer in radians.

*) $\frac{2\pi}{7}$

Find the complement and supplement of each angle (if possible).

*) $\frac{\pi}{5}$ Complement:

Supplement:

Assignment:
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6-20 all,
26-38 even,
39-46 all.