

## AdvAlg2, due Monday, 5/1

What is the sine of  $30^\circ$  ?

Find a few larger angles that have the same sine.

Find a few larger angles that have a sine with the same magnitude. (A few “opposite sign” sines.)

What is the cosine of  $60^\circ$  ?

Find a few larger angles that have the same cosine.

Find a few larger angles that have a cosine with the same magnitude. (A few “opposite sign” cosines.)

Explain why different angles can have the same sine or cosine.

Explain the relation between angles that have a sine or cosine with matching magnitudes.