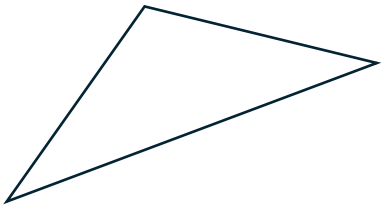
Angles

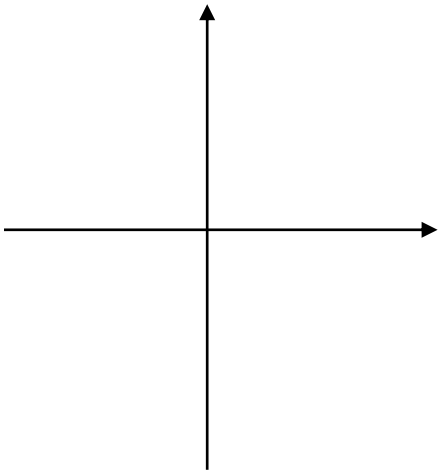
Triangle

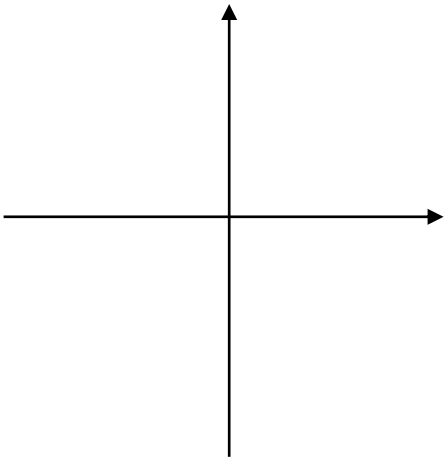
_____ of two sides of _____ form an _____.



xy-plane

Angles are _____ from the _____ of a _____ on the plane.





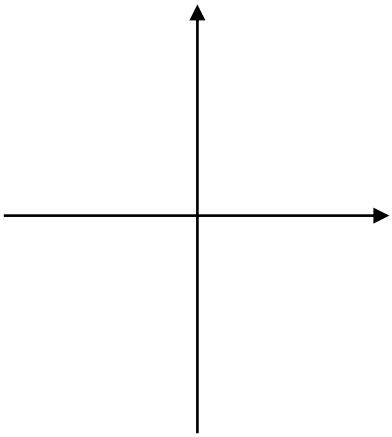
Common Angles to Know

Convert Angles Measures between Degrees and Radians

Conversion Formulas

degrees → radians

radians → degrees



ex. convert _____ to _____ measure

note: _____ is the _____ measure

ex. convert _____ to _____ measure

Do: convert _____ to _____

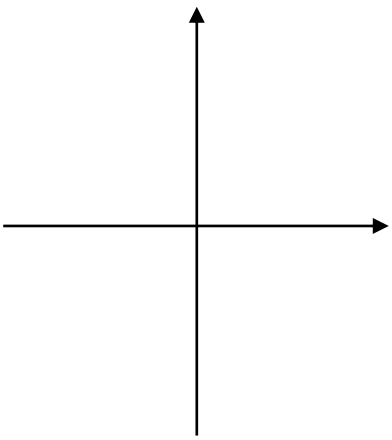
Do: convert _____ to _____

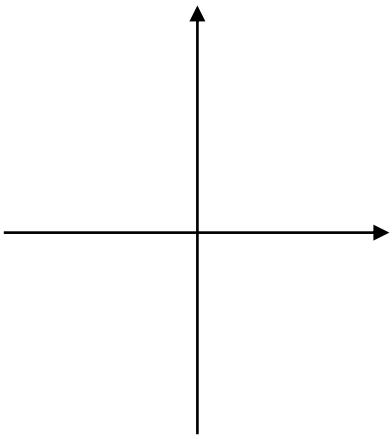
[add common radian measures above]

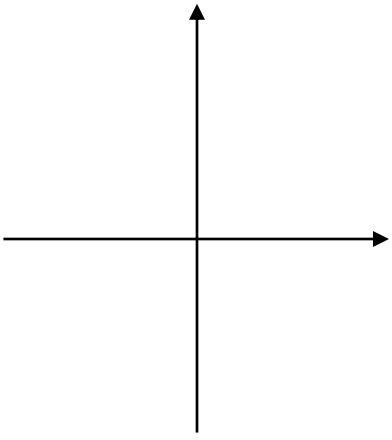
Sketching Angles in Standard Position

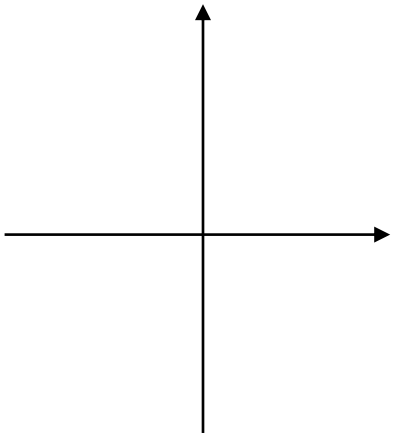
Degrees

Sketch each of the following angles on the plane:



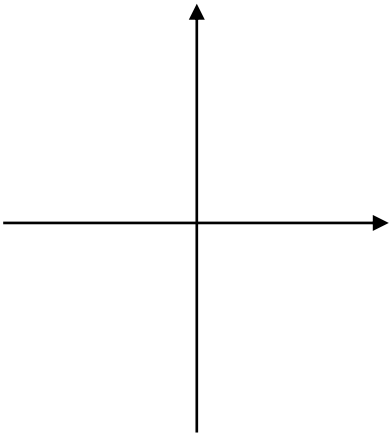


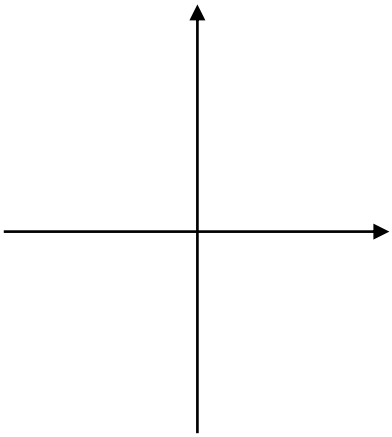


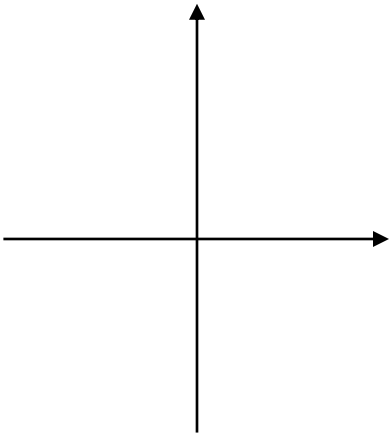


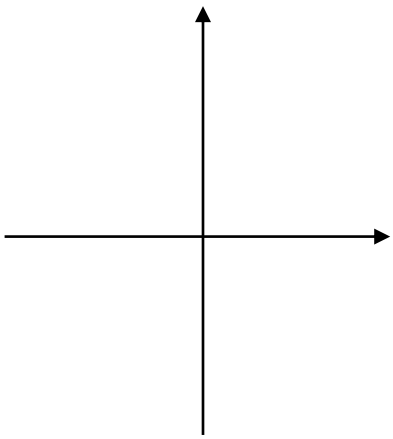
Radians

Sketch each of the following angles on the plane:









Identify Coterminal Angles without a Graph

ex. Find a _____ angle less than _____ that is coterminal to _____.

ex. Find a _____ angle less than _____ that is coterminal to _____.

ex. Find a _____ angle less than _____ that is coterminal to _____.

ex. Find a _____ angle less than _____ that is coterminal to _____.

note: it's okay to convert _____ from _____ to _____ for computations, but,

if angle is given in _____, solution must also _____

Do: Find a **positive** angle less than _____ that is coterminal to _____.

Do: Find a **positive** angle less than _____ that is coterminal to _____.