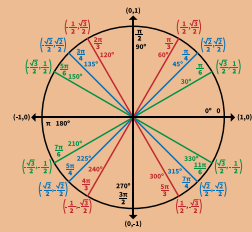
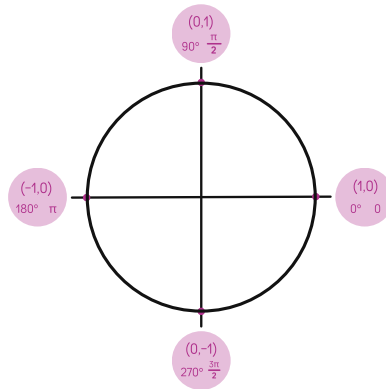


Unit Circle Worksheet



Use the unit circle provided below to solve the following problems.

Show all work for full credit.



Identify the Coordinates

- Identify the coordinates of the point at 0° (or 0 radians).
- Find the coordinates for 30° (or $\pi/6$ radians).
- Determine the coordinates at 45° (or $\pi/4$ radians).
- List the coordinates for 90° (or $\pi/2$ radians).
- Continue this pattern for 120° , 135° , 180° , 225° , 270° , 315° , and 360° .

Compute Sine, Cosine, and Tangent

- Calculate the sine, cosine, and tangent for the angle 30° (or $\pi/6$ radians).
- Calculate the sine, cosine, and tangent for the angle 60° (or $\pi/3$ radians).