

UNIT CIRCLE WORKSHEET

Part 1: Basic Angles

- Find the sine and cosine for 0° .
- 2. Determine the tangent and cosine for 90° .
- 3. Calculate the sine and secant for 180° .
- 4. Evaluate the cosine and cotangent for 270° .
- 5. Find the sine, cosine, and tangent for 360° .

Part 2: Quadrant Angles

- Compute the sine and cosine for 30° , 60° , and 120° .
- Determine the tangent for 150° , 210° , and 300° .
- Calculate the secant for 135° , 225° , and 315° .

Part 3: Negative and Beyond 360° Angles

- Find the cosine and sine for -45° .
- Calculate the tangent for -90° .
- Evaluate the sine for 450° (90° beyond a full circle).
- Determine the cosine for 540° (180° beyond a full circle).