# Unit Circle Worksheet

Match each angle in degrees with its exact trigonometric values and radian measure

| Angles in Degrees | Trigonometric Values and Radians |
|---|---|
| • 0° | A. (2π, 0, 1, 0) |
| • 30° | B. (π, 0, –1, 0) |
| • 45° | C. π/4, √ 2/2, √ 2/2, 1) |
| • 90° | D. (0, 0, 1, 0) |
| • 180° | E. (π/6, 1/2, √ 3/2, 1/√ 3) |
| • 270° | F. (3π/2, –1, 0, undefined) |
| • 360° | G. (5π/4, –√ 2/2, –√ 2/2, 1) |
| • 225° | H. (7π/4, √ 2/2, –√ 2/2,–1) |
| • 315° | I. (5π/6, 1/2, –√ 3/2, –1/√ 3) |
| • 150° | J. (π/2, 1, 0, undefined) |
| • 210° | K. (7π/6, –1/2, –√ 3/2,1/√ 3) |
| • 330° | L. (11π/6, 1/2, –√ 3/2, –1/√ 3) |