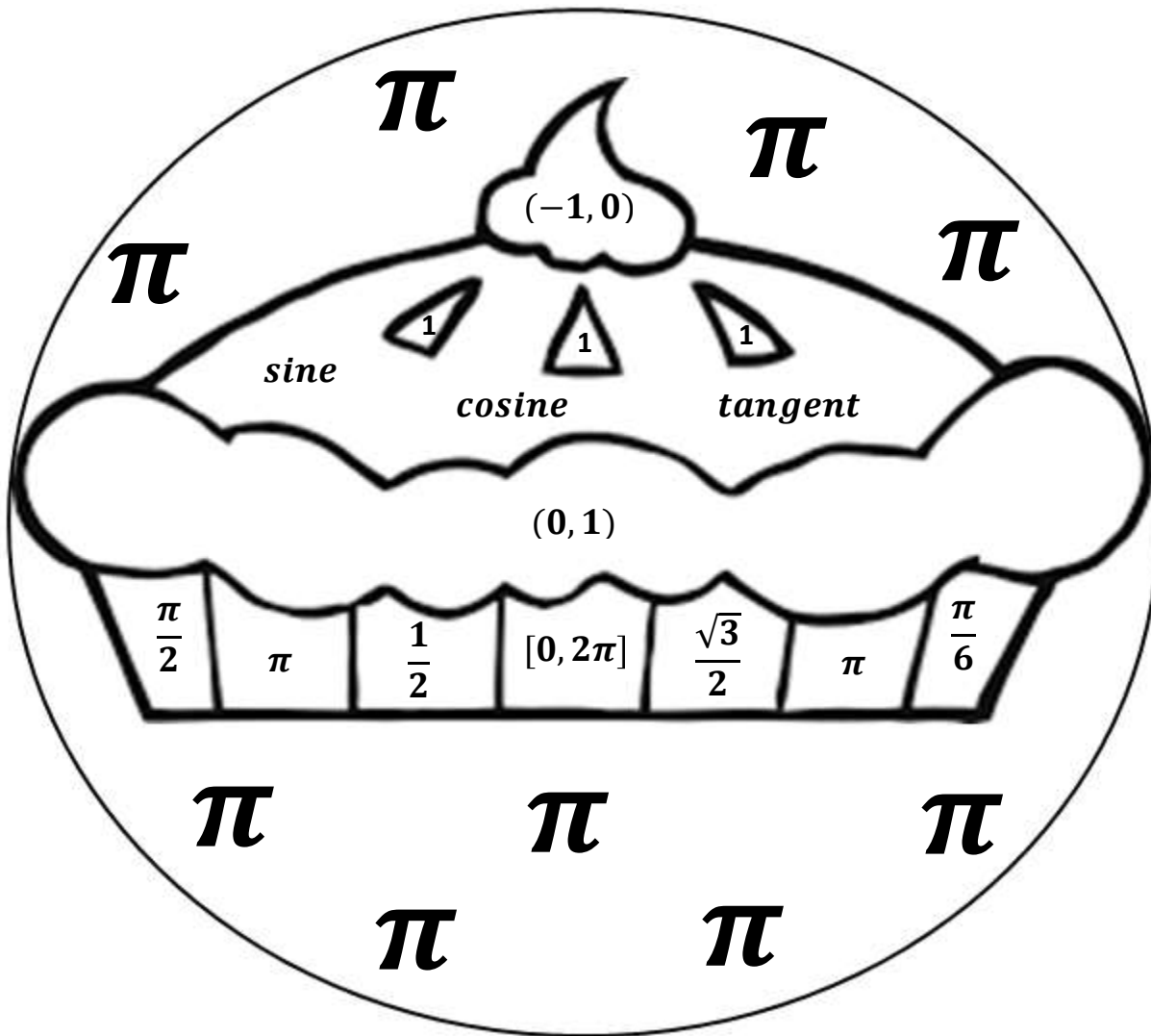
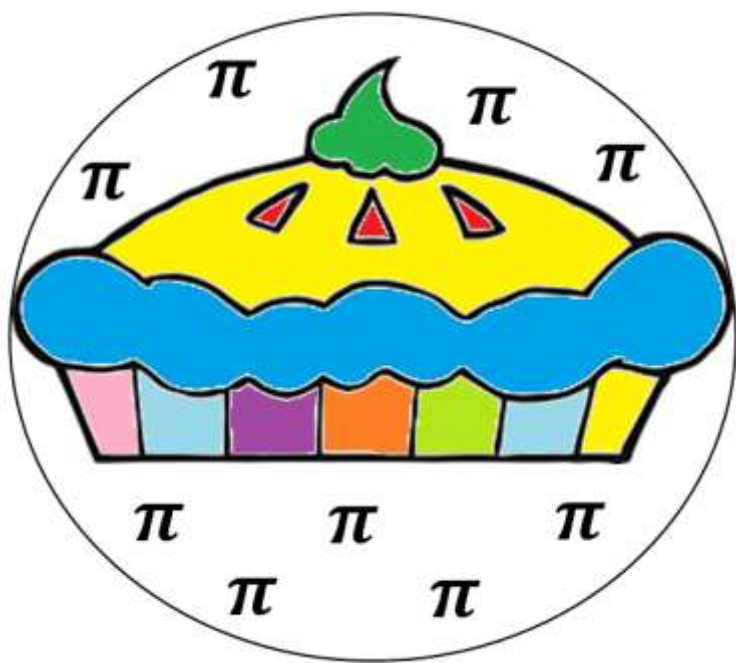


Pi Day – The Unit Circle Color Match Activity



Answer the questions - Find your answer on the Pie - Color according to your answers.

1. A unit circle has the radius equal to _____ units. (RED)
2. On a unit circle, the coordinates of the point on the positive y-axis are _____. (BLUE)
3. On a unit circle, the coordinates of the point on the negative x-axis are _____. (GREEN)
4. The angle 30° in radians is equal to _____. (YELLOW)
5. The angle 90° in radians is equal to _____. (PINK)
6. The range of angles in radians, on a unit circle is _____. (ORANGE)
7. The long length on a unit circle is _____. (LIGHT GREEN)
8. The short length on a unit circle is _____. (PURPLE)
9. The semicircle has the measure angle in radians equal to _____. (LIGHT BLUE)
10. The three basic trigonometric identities are _____. (YELLOW)



Answers:

1. 1
2. $(0, 1)$
3. $(-1, 0)$
4. $\frac{\pi}{6}$
5. $\frac{\pi}{2}$
6. $[0, 2\pi]$
7. $\frac{\sqrt{3}}{2}$
8. $\frac{1}{2}$
9. π
10. *sine, cosine, tangent*