

## Grade 7 Mini-Module: Area and Circumference of Circles

Aligns with [CCSS.MATH.CONTENT.7.G.B.4](#): Know the formulas for the area and circumference of a circle and use them to solve problems; give an informal derivation of the relationship between the circumference and area of a circle.

### Related Standards

- [8.G.C.9](#): Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.
- [HSG.C.B.5](#): Derive using similarity the fact that the length of the arc intercepted by an angle is proportional to the radius, and define the radian measure of the angle as the constant of proportionality; derive the formula for the area of a sector.

PREVIEW

