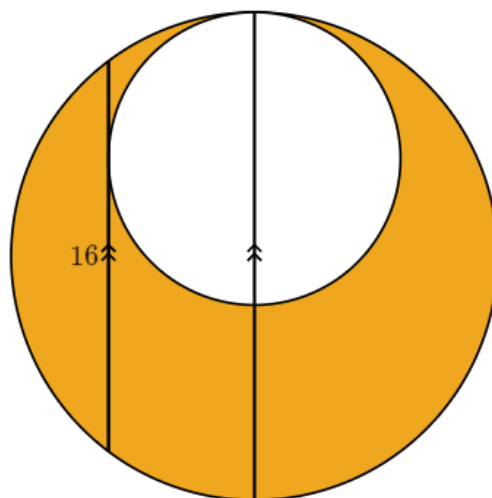




### Today's Challenge

In this figure, the larger circle has two parallel chords — one is a diameter, and the other has length 16 and is tangent to the smaller circle.

What is the area shaded yellow?



Difficulty:

$16\pi$

$64\pi$

$256\pi$