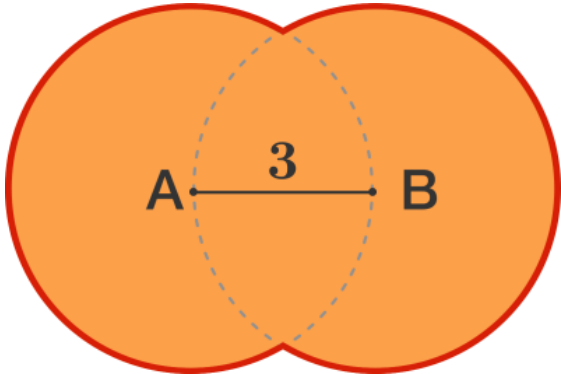


Project name : 2 Overlapping Circles[^]

Observations and doodles	
 <p>The diagram shows two overlapping circles. The centers are labeled A and B. A horizontal line segment connects A and B, with the number 3 written above it. The overlapping region of the two circles is shaded orange. The outer boundary of the combined shape is a red line.</p>	
<p>What is the length of the red perimeter of this figure?</p> <ul style="list-style-type: none"> • Two overlapping circles, with centers A and B, form the figure above. • Line segment \overline{AB} is a radius of both circles. 	
Wrong answers and guesses (Goldilocks)	

[^] Source: Brilliant.org: <https://brilliant.org/> , Outside the box geometry -> Strategic Geometry.

Solve + explain

