## **GEOMETRY AT ITS BEST**



"The Tale of Two Tangents"

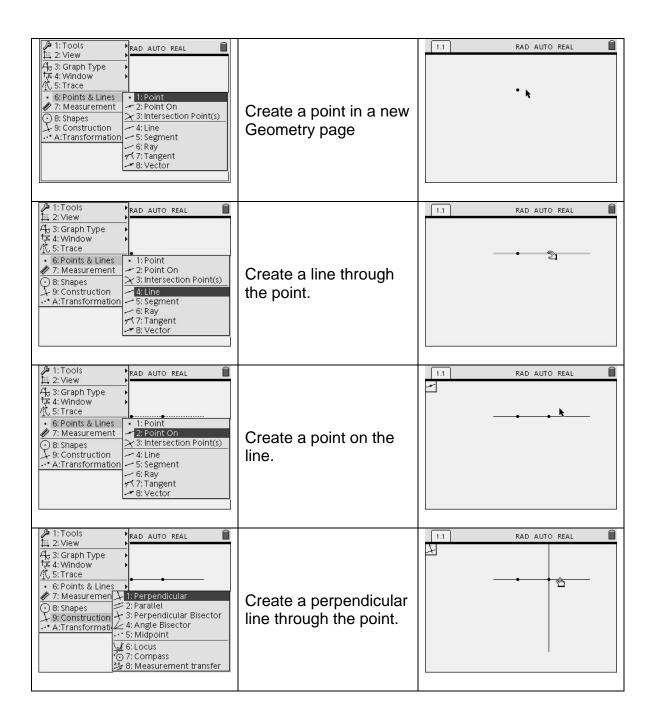
Created by Michelle Bonds

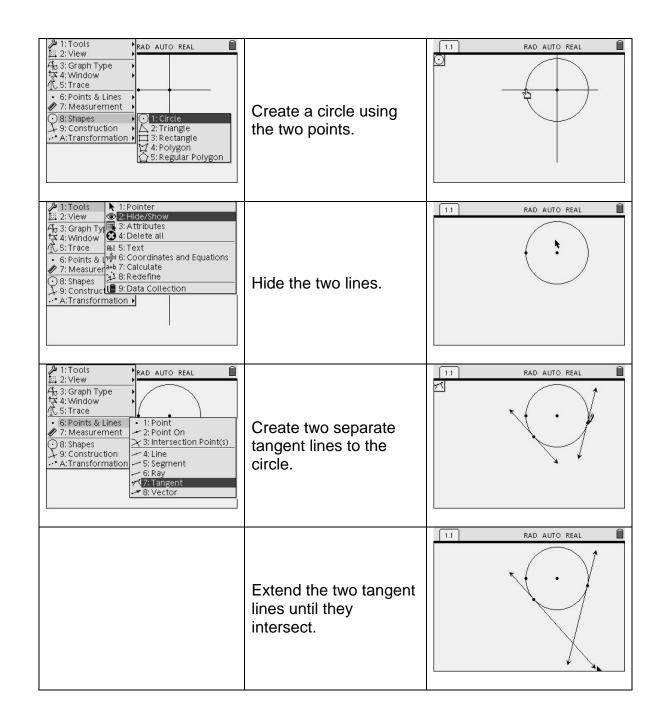
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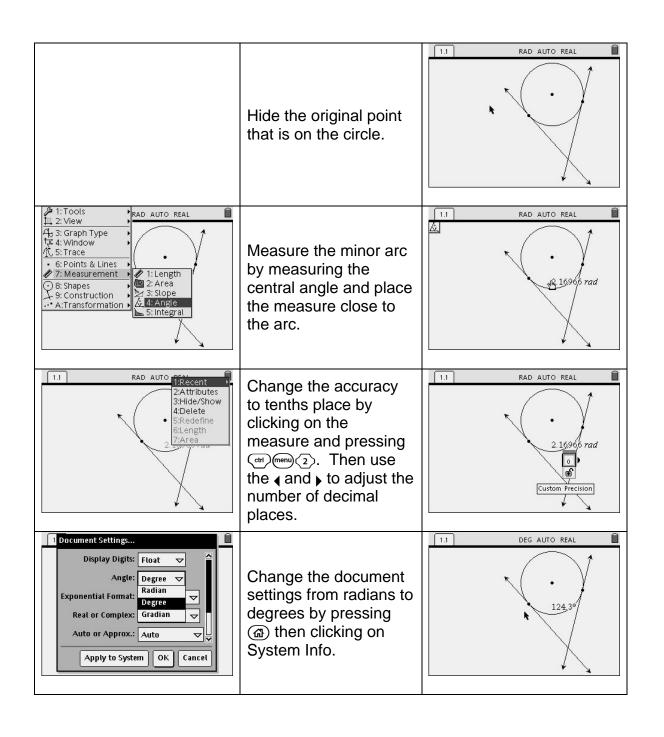
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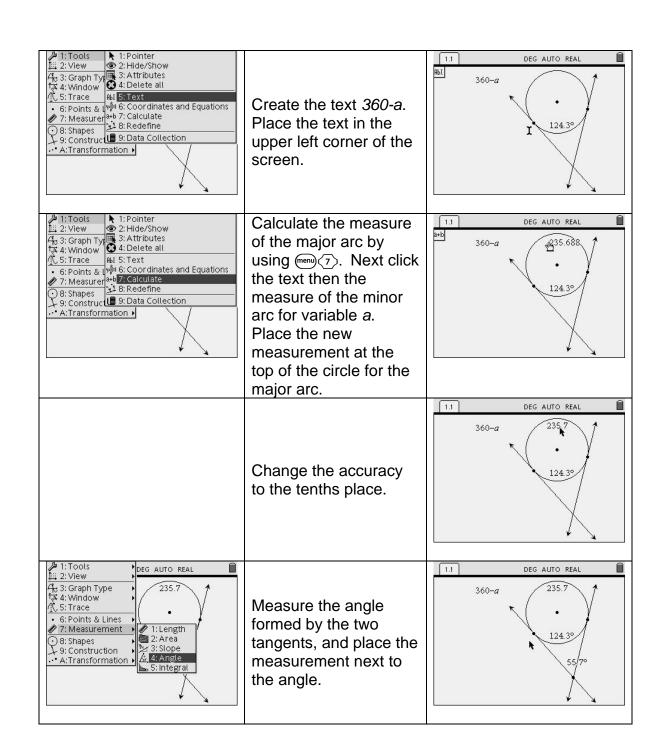
This activity allows students to investigate the relationship between the angle formed by two tangents to a circle and the arcs they intercept.

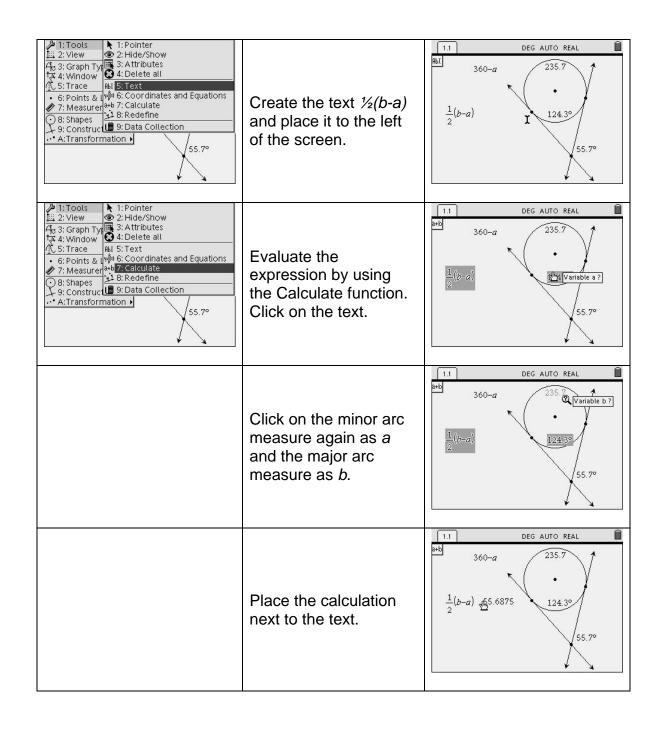
Not responsible for misspelled words, mathematical mistakes, or anything else you might not like.











Change the accuracy of the calculation to the tenths place.	360-a 235.7
What do you notice about the calculation and the measure of the angle formed by the tangents?	124.3° 55.7° 124.3°
Move either of the tangent	1.1 DEG AUTO REAL
points along the circle.	360-a 225.1

Notes:	

