## GEOMETRY AT ITS BEST


"The Tale of Two Tangents"

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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. <br> What do you notice about the calculation and the measure of the angle formed by the tangents? |  | deg auto real |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 235.7 $\cdot$ 12430 |  |
|  |  |  | 6 Auto R |  |
|  | Move either of the tangent points along the circle. <br> What happens to the measure? Does the expression and the angle measure always stay the same? |  |  |  |

## Notes:



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