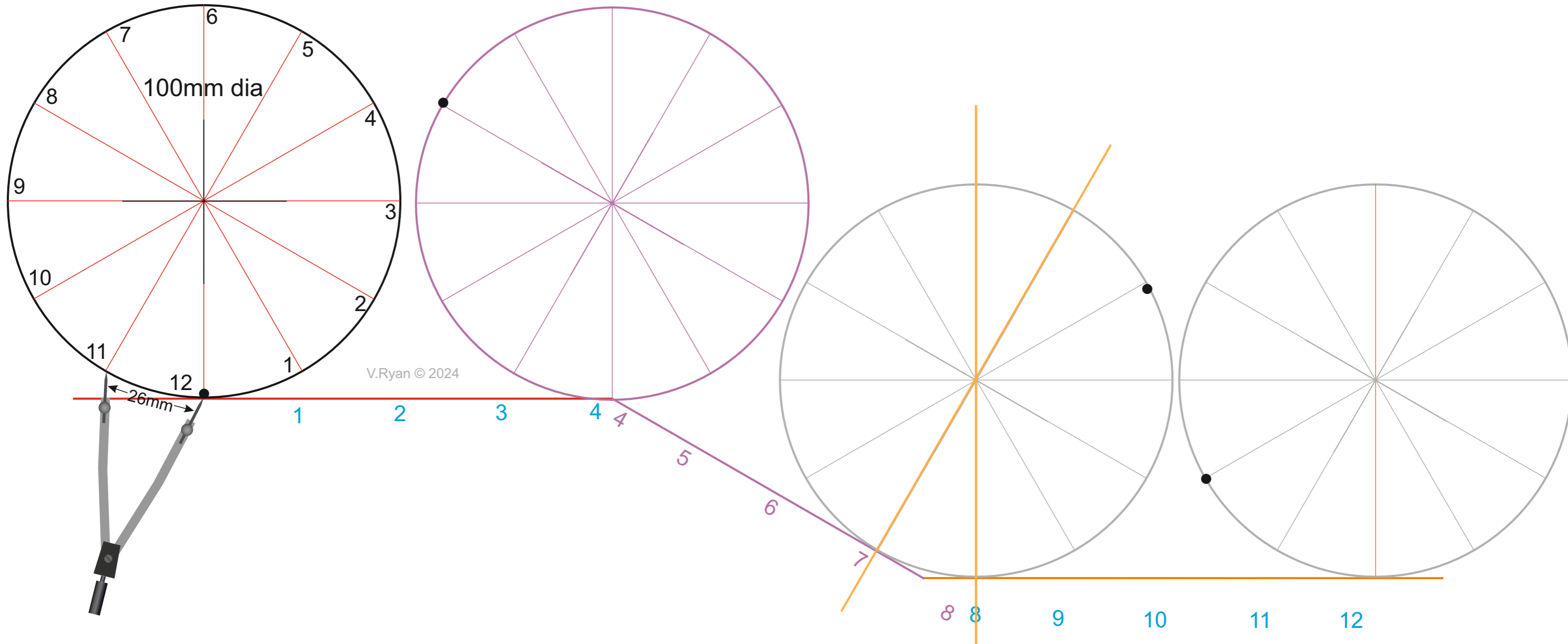


# CYCLOIDS

## QUESTION

THE CIRCUMFERENCE OF THIS CIRCLE HAS A POINT MARKED ON IT AS A DOT. THE CIRCLE ROLLS ALONG A 'FLAT' SURFACE FOR THE EQUIVALENT OF FOUR SECTOR DIVISIONS. IT THEN CONTINUES TO ROTATE AS IT ROLLS DOWN A 30 DEGREE SLOPE FOR ANOTHER FOUR SECTOR DIVISIONS, FOLLOWED BY FOUR MORE SECTOR DISTANCES ON THE FLAT. DRAW THE CYCLOID (CURVE) PRODUCED BY ONE ROTATION



HELPFUL LINK



HELPFUL LINK: [https://technologystudent.com/despro\\_3/cycloid3.html](https://technologystudent.com/despro_3/cycloid3.html)

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