

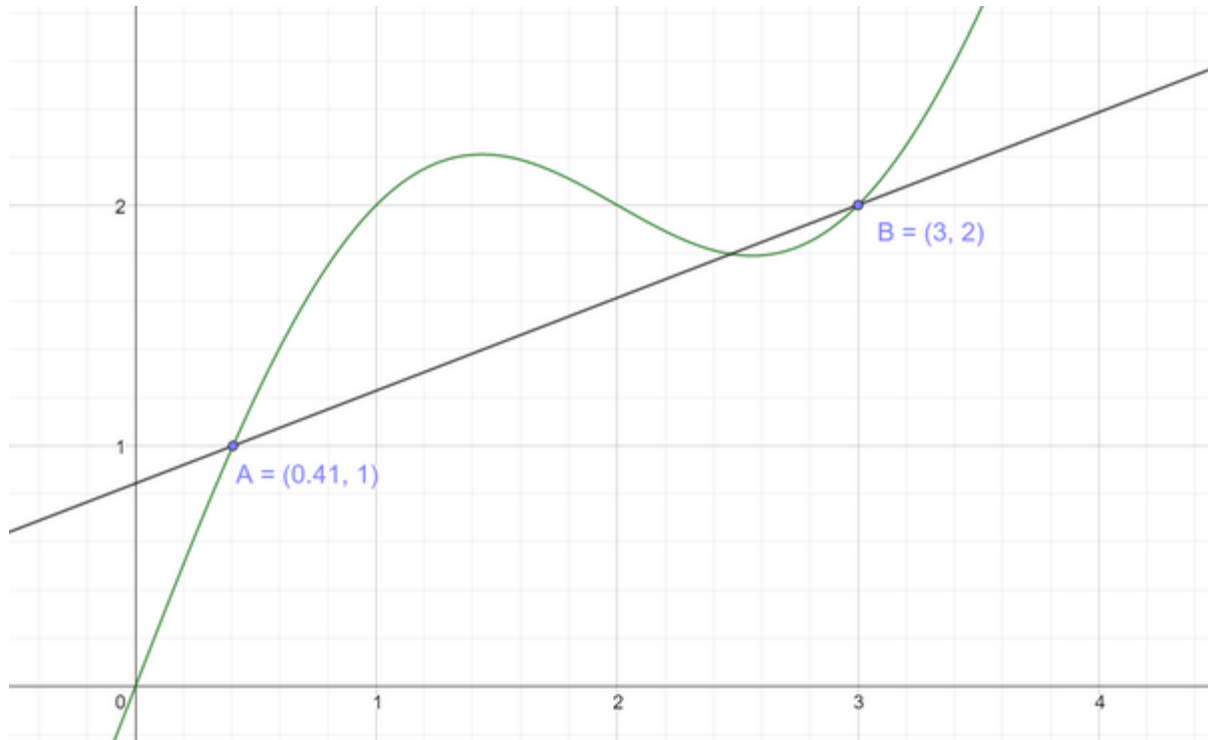
1) Which statements are true about Calculus?

Choose all that apply:

- A. Calculus is the mathematics of velocities
- B. Calculus is the mathematics of tangent lines
- C. Calculus is the mathematics of areas
- D. Calculus is the mathematics of volumes
- E. Precalculus mathematics is more static, whereas calculus is more dynamic

2) Calculus is simply a collection of new formulas.

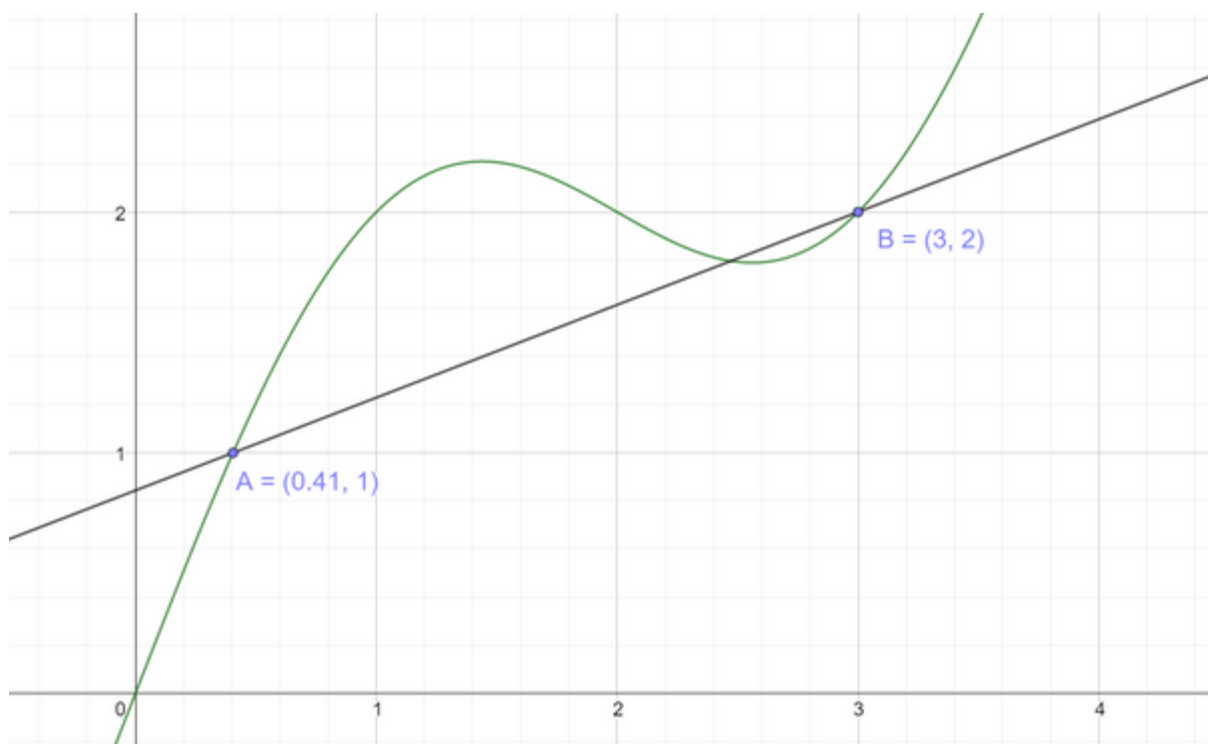
- A. True
- B. False



3)

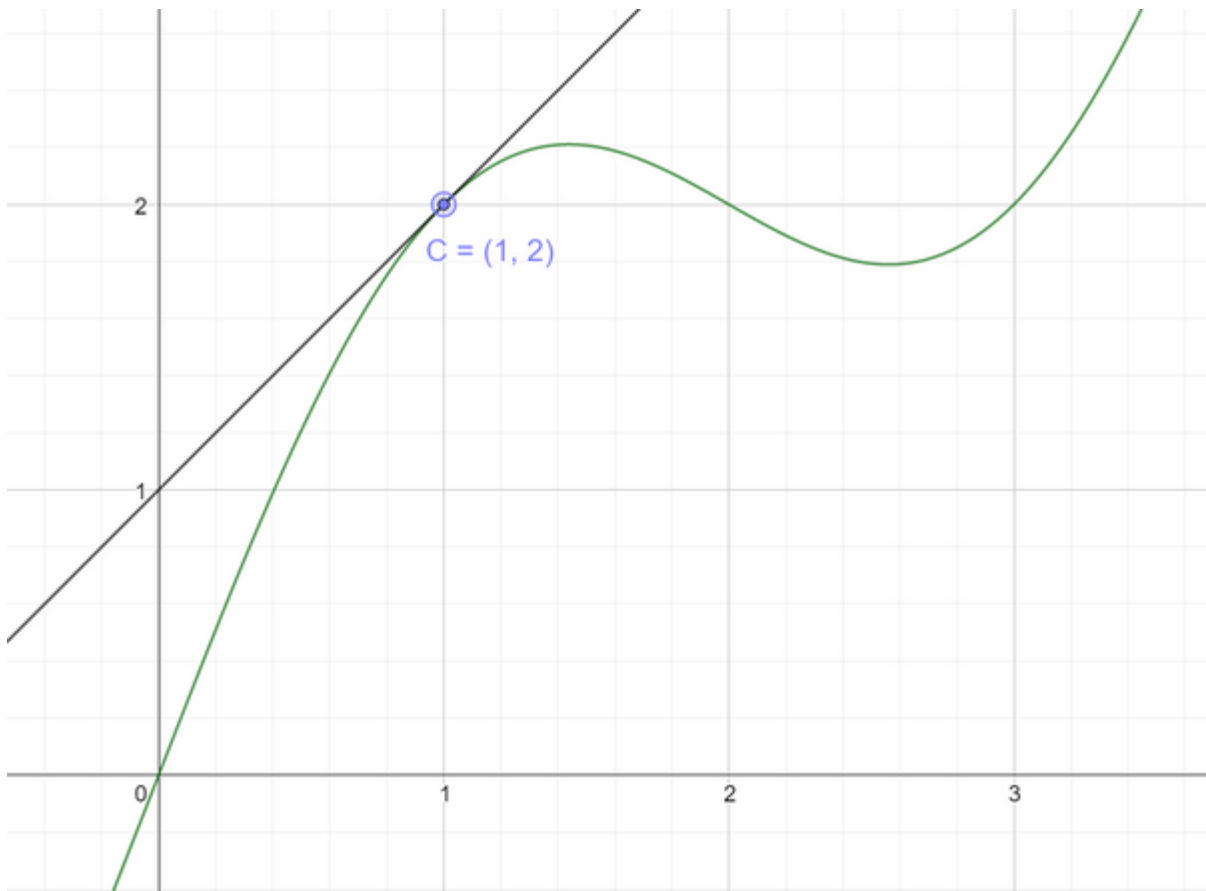
Can you find the slope of the line passing through the points A and B ?

- A. Yes
- B. No



4)

The slope of the line passing through the points A and B is



5)

Can you find the slope of the tangent line passing through the point A ?

- A. Yes
- B. No

Why?

Key:

1. A, B, C, D, E

2. B

3. A

4. 0.39, 0.386

5. B