
Calculus Videos

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Part I

Rate of change at a point

Rate of change at a point

Introduction

On the next pages, you will watch videos and use interactives, and will then answer some questions about the video.

On the bottom of each screen you will see next and back buttons. Continue until the pages say stop, after the google form.

Rate of change at a point

Video: Approximating Instantaneous Rates of Change

YouTube link: <https://www.youtube.com/watch?v=M2Cpa3FxfUU>

Rate of change at a point

Interactive: Approximating Instantaneous Rates of Change

The embedded image on this page is currently broken and being fixed. In the meantime, please go to <https://geogebra.org/m/afsEHCg4>.

Geogebra link: <https://geogebra.org/m/afsEHCg4>

Rate of change at a point

Video: Over- and Under-estimates

YouTube link: <https://www.youtube.com/watch?v=1w9MxqF6JJc>

Learning outcomes:

Derivatives

Questions

Google Form link: https://docs.google.com/forms/d/e/1FAIpQLSfZUo0j1KZELVxCw75TgQg_XcUsl81gvjseGsELIpsf98mGSw

Learning outcomes:

Derivatives

Stop

This is the end of the Rate of change at a point section.

Learning outcomes:

Part II

Curve Sketching

Graphing Derivative Functions

Introduction

On the next page, you will watch a video on graphing derivative functions and will then answer some questions about the video.

Learning outcomes:

Graphing Derivative Functions

Video

YouTube link: <https://www.youtube.com/watch?v=XbiKMDjFc8w>

Learning outcomes:

Graphing Derivative Functions

Video

YouTube link: <https://www.youtube.com/watch?v=XbiKMDjFc8w>

Learning outcomes:

Graphing Derivative Functions

Questions

Google Form link: https://docs.google.com/forms/d/e/1FAIpQLSfqC6_EYBLph2CYZ100wee1o7tky2c01Jan

Learning outcomes:

Graphing Derivative Functions

Stop

This is the end of the curve sketching section.

Learning outcomes: