The Chain Rule

Introduction

On the next pages, you will watch two videos about the chain rule and will then answer some questions about the video.

- The goals of these videos are to explain when you would need to use the chain rule and how to use the chain rule to find derivatives

- You use the chain rule when you have two composed functions - one function "inside" another, like $f(g(x))$

- To find the derivative, you do $f'(g(x)) * g'(x)$

- The reason for doing this is because the derivative of f doesnt just depend on x, but rather on the value of $g(x)$. So when $g(x)$ changes quickly, it affects how quickly $f(g(x))$ changes

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Learning outcomes: