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Language of Mathematics Assignment 3
Derivative Rules

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Learning Objectives

- Develop an intuitive understanding of the derivative formulas.

- Can explain the Product rule, Quotient rule, and Chain rule.

- Able to explain the mathematical concept of the derivative rules in a well-organized and well written report.

Grading rubric for report

Criteria	5 pts	2 pts	1pt or 0pts
Learning Objectives	Clearly shows the learning objectives and topic is thoroughly covered.	Not all learning objectives are achieved and/or topic is not thoroughly covered.	None of the learning objectives are achieved and/or shows a misunderstanding of the topic.
Report quality	Well-organized, well written, displays original thought, ideas follow and relate to each other in a logical way.	Not well written and/or contains a few grammatical or spelling errors, but shows original thought and ideas follow and relate to each other in a logical way.	Shows very little information, and contains many grammatical or spelling errors. Little effort made, looks like it was prepared night before or copied from the Internet or another student. Not well written, ideas do not follow in a logical way.

Report

Answer the following questions in your report. Your report should be more than a few sentences but less than a page. Do not restate definitions in the textbook. Use your own words.

- Explain in your own words how the chain rule works, and give an example.

- Explain in your own words how the product rule works, and give an example.

- Are there any rules in calculus that involves multiplying derivatives?

Submission

Your instructor will give you details on submitting your report.