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1 Introduction

We did lots of problems with derivatives from the section 3.1, basically the following rules:

$$(x^n)' = nx^{n-1}$$

$$(cf(x))' = cf'(x)$$

$$(e^x)' = e^x$$

$$(f \pm g)' = f' \pm g'$$

and we also noted all the different ways of denoting a derivative:

$$f'(x) = f' = \frac{\mathrm{d}}{\mathrm{d}x} f(x) = \frac{\mathrm{d}}{\mathrm{d}x}(f(x)) = \frac{\mathrm{d}}{\mathrm{d}x} f = \frac{\mathrm{d}f}{\mathrm{d}x}$$

2 Quizzes

We did the Quiz 10.