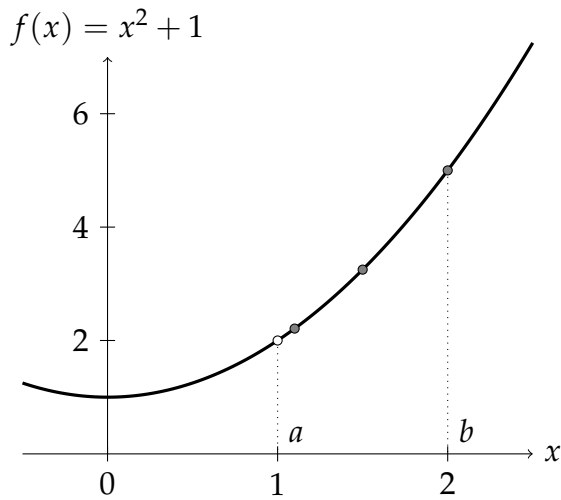
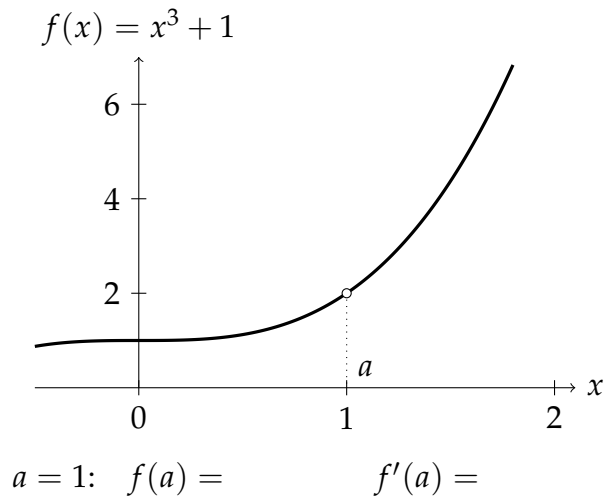


# Lecture Handout #09: Sep 27

## Secant and Tangent Lines



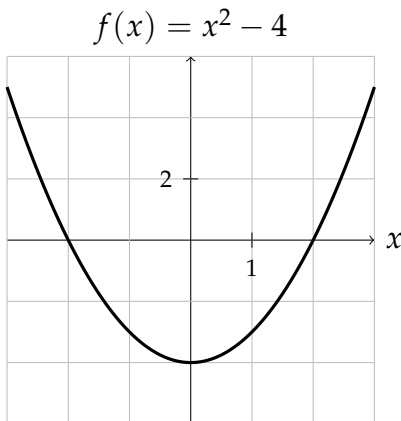
secant lines:  $a = 1, b = 2, 1.5, 1.1$



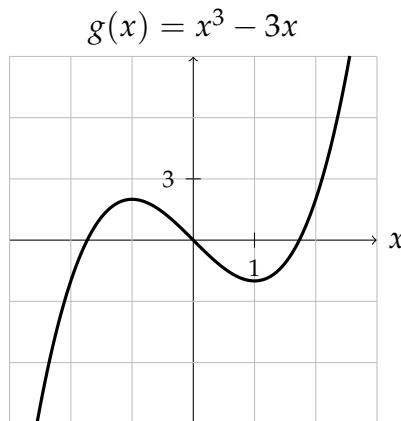
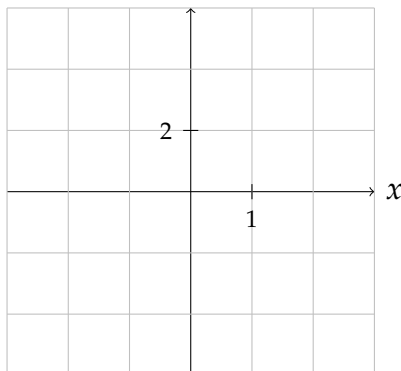
$a = 1: f(a) = \underline{\hspace{2cm}} \quad f'(a) = \underline{\hspace{2cm}}$

tangent:  $y = \underline{\hspace{4cm}}$

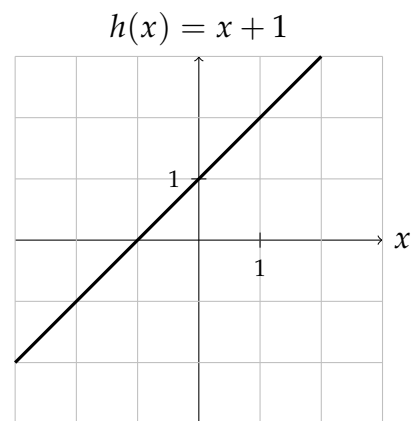
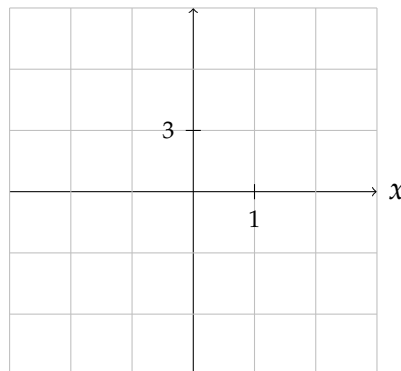
## Comparing Graphs of $f(x)$ and $f'(x)$



$f'(x) = \underline{\hspace{4cm}}$



$g'(x) = \underline{\hspace{4cm}}$



$h'(x) = \underline{\hspace{4cm}}$

