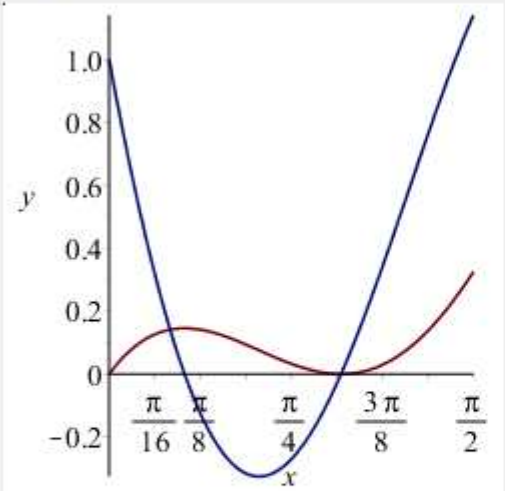
Calculus 1 - Derivative

File Help

Plot Window



Enter a function and an interval [a,b]

f(x) = (x-1)^2*sin(x)

a = 0 b = Pi/2

Derivatives

f'(x) = 2*(x-1)*sin(x)+(x-1)^2*cos(x)

☑ Display f'(x) in the plot

f''(x) = 2*sin(x)+4*(x-1)*cos(x)-(x-1)^2

☐ Display f''(x) in the plot

Display | Plot Options | Close

Maple Command

```
DerivativePlot((x-1)^2*sin(x),0 .. 1/2*Pi, 'order'=[1]);
```