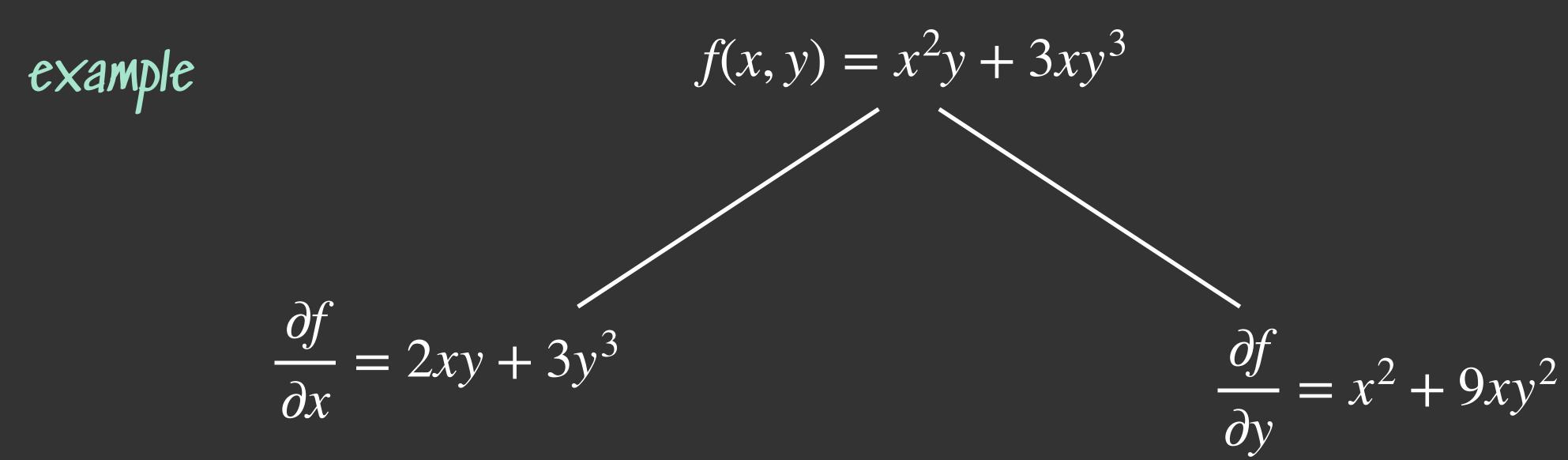
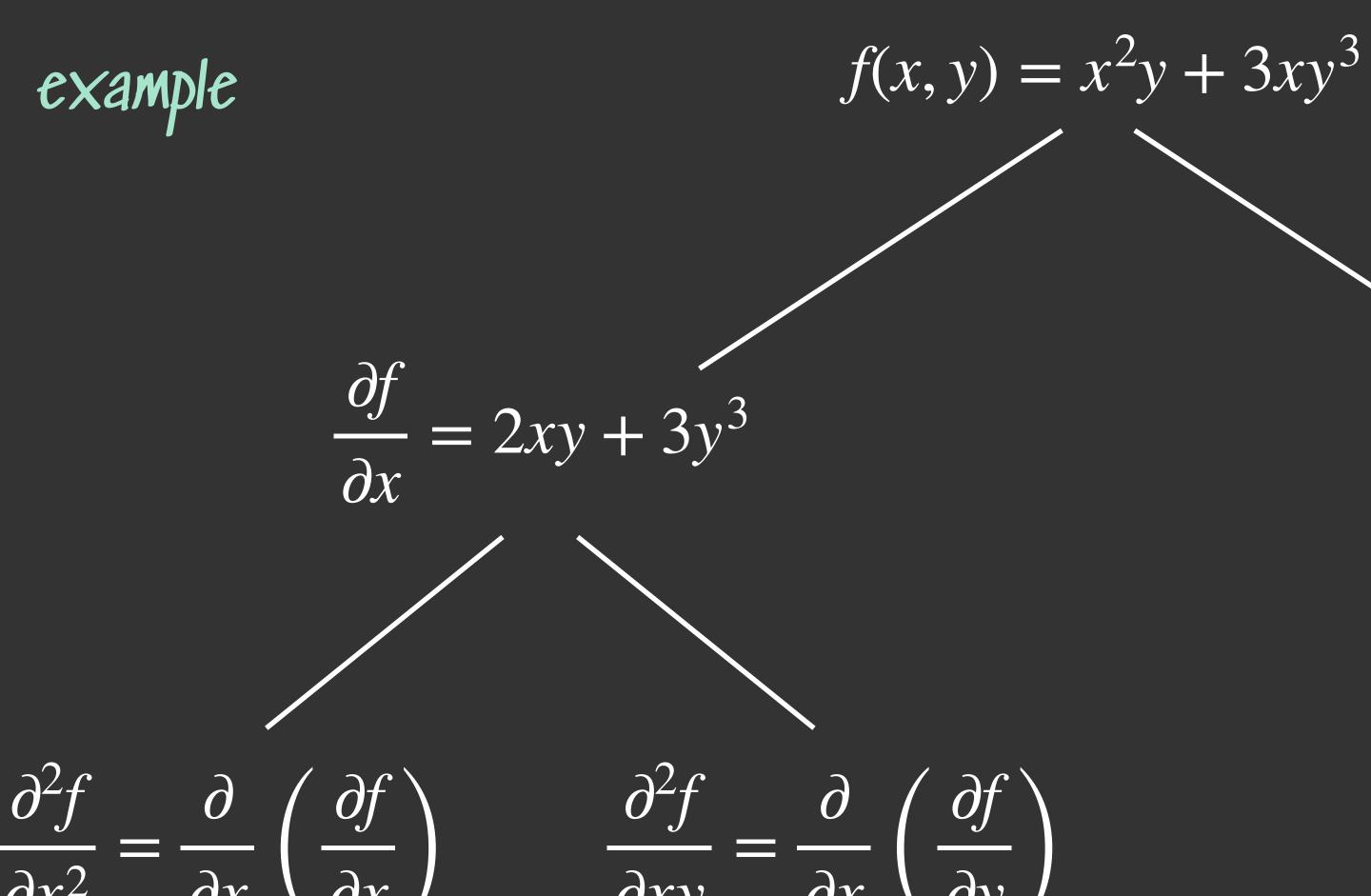
## the symmetry of second partial derivatives



## the symmetry of second partial derivatives

 $=2x+9y^2$ 



=2y

$$\frac{\partial f}{\partial y} = x^2 + 9xy^2$$