

### Worksheet on Symbols and Notation

1. $\frac{d}{dx} f(x) =$	
2. $\frac{d}{dx} F(x) =$	or
3. $\frac{d}{d^2x} F(x) =$	or
4. $\frac{d}{dx} \int f(x) dx =$	or
5. $F'(x) =$	
6. $\int_a^b f(x) dx =$	or
7. $\int_a^x f(t) dt =$	
8. $\int f'(x) dx =$	or
9. $\frac{d}{dx} \int_a^x f(t) dt =$	
10. $F'(x)$ of $\int_a^x f(t) dt =$	