

Derivative at a Point WS 2

- 1) Can't be determined
- 2) Can't be determined, but why ???
- 3) $\frac{dy}{dx} \Big|_{x=2} = -\frac{1}{e^2} + \frac{1}{2\sqrt{2}} \approx 0.218$
- 4) $f''(\pi) = 4$
- 5) $\frac{d^2y}{dx^2} \Big|_{x=1} = 16$
- 6) $f'(1) = e \approx 2.718$
- 7) can't be det.
- 8) can't be det.