

## Page 447 Example 12

### Evaluating a second derivative

TI-84 Plus

$$\frac{d}{dx} \left( \frac{d}{dx} (X \tan(X)) \right) \Big|_{x=\frac{\pi}{3}}$$

22.5107144

$$\left( \tan(X) \right) \Big|_{x=\frac{\pi}{3}}$$

$$8 + \frac{8\pi\sqrt{3}}{3}$$

22.51039491

Casio fx-9860GII

$$\frac{d^2}{dx^2} (X \tan X) \Big|_{x=\frac{\pi}{3}}$$

22.51039491

□

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$$8 + \frac{8\pi\sqrt{3}}{3}$$

22.51039491

□

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