

$\frac{d}{dx}(x \sin^2 x)$ を求めよ。

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$$\begin{aligned} & \frac{d}{dx}(x \sin^2 x) \\ &= 1 \cdot \sin^2 x + x \cdot 2 \sin x \cos x \end{aligned}$$

$$= \sin^2 x + x \sin 2x$$
