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One of the equations below is true for all values of x

Identify the correct equation.

Tick (✓) **one** box.

[1 mark]

$$\cos^2 x = -1 - \sin^2 x$$

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$$\cos^2 x = -1 + \sin^2 x$$

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$$\cos^2 x = 1 - \sin^2 x$$

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$$\cos^2 x = 1 + \sin^2 x$$

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