

1

Identify which one of the following is a correct identity.

Tick (✓) **one** box.

[1 mark]

$$\cos^2 \theta - \sin^2 \theta \equiv 1$$

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$$\cos^2 \theta + \sin^2 \theta \equiv 1$$

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$$\tan^2 \theta - \sec^2 \theta \equiv 1$$

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$$\tan^2 \theta + \sec^2 \theta \equiv 1$$

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