Marked example 1

Paper 1 style · No calculator

1 4 marks SL 3.4 ●○○ Routine

This question is about converting angles between degrees and radians.

(a) Convert $150°$ to radians, giving your answer in terms of π. [2]

(b) Convert $\frac{7\pi}{4}$ radians to degrees. [1]

(c) Convert $\frac{\pi}{12}$ radians to degrees. [1]

MARKSCHEME (a)

$150 \times \frac{\pi}{180}$ (M1)

$\frac{5\pi}{6}$ A1

Total 2 marks

MARKSCHEME (b)

$315°$ A1

Total 1 mark

MARKSCHEME (c)

$15°$ A1

Total 1 mark

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