

Higher Maths
SQA 2015 Paper 1
Question 10



Given that $\tan 2x = \frac{3}{4}$, $0 < x < \frac{\pi}{4}$, find the exact value of

- (a) $\cos 2x$ 1
- (b) $\cos x$. 2
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Answers:

- (a) $\frac{4}{5}$
- (b) $\frac{3}{\sqrt{10}}$