

SQA Past paper questions

2019 - Paper 1 - Question 17(a)

Express $(\sin x - \cos x)^2$ in the form $p + q \sin rx$
where p, q and r are integers. 3

Click [here](#) for video solution. 

2017 - Paper 2 - Question 11(a)

Show that $\frac{\sin 2x}{2 \cos x} - \sin x \cos^2 x = \sin^3 x$, where $0 < x < \frac{\pi}{2}$. 3

Click [here](#) for video solution. 

2016 - Paper 2 - Question 11(a)

Show that $\sin 2x \tan x = 1 - \cos 2x$, where $\frac{\pi}{2} < x < \frac{3\pi}{2}$. 4

Click [here](#) for video solution. 

2015 - Paper 2 - Question 7(b)

Show that $3 \cos 2x + 1 = 4 \cos^2 x - 2 \sin^2 x$. 2

Click [here](#) for video solution. 