

WJEC June 2018 Q3b

- (b) Rationalise the denominator in the following expression.

$$\frac{1}{12 - \sqrt{11}}$$

You must show all your working.

[2]

WJEC June 2017 Q17b

- (b) Rationalise the denominator in the following expression.

$$\frac{1}{8 + \sqrt{5}}$$

Show all your working.

[2]

WJEC June 2016 Q6a

- (a) Simplify $\frac{3}{5 + \sqrt{2}}$, leaving your answer in surd form.

Do not use a calculator to answer this question.
You **must** show all your working.

[3]

WJEC June 2014 Q6a

- (a) Simplify $\frac{5}{3 + \sqrt{2}}$, leaving your answer in surd form.

Do not use a calculator to answer this question.
You must show all your working.

[3]

WJEC June 2012 Q6

- (a) Simplify $\frac{3}{2 + \sqrt{5}}$, leaving your answer in surd form.

[3]

- (b) Simplify $(\sqrt{3} + 2)^2 - (\sqrt{3} - 2)^2$, leaving your answer in surd form.

[3]