

- 5 Without using your calculator, and showing all your working,
express $\frac{12}{3 - \sqrt{5}}$ in the form $a + b\sqrt{5}$ where a and b are integers.

(Total for Question 5 is 2 marks)

6

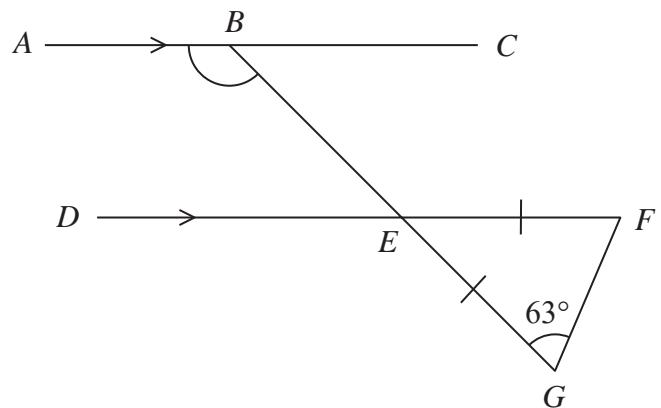


Diagram NOT
accurately drawn

In the diagram, ABC is parallel to DEF .

BEG is a straight line and $\triangle EFG$ is isosceles with $EF = EG$ and $\angle EGF = 63^\circ$

Find the size, in degrees, of $\angle ABE$.

$$\angle ABE = \dots^\circ$$

(Total for Question 6 is 3 marks)



DO NOT WRITE IN THIS AREA

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