**19**

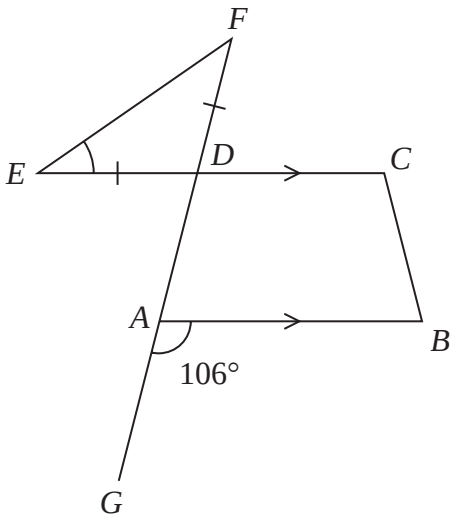


Diagram **NOT** accurately drawn

In the diagram, *ABCD* is a trapezium and *EDF* is an isosceles triangle with *DE* = *DF*

*EDC* and *GADF* are straight lines.

$\angle GAB = 106°$

Calculate the size, in degrees, of $\angle DEF$
Give reasons for each stage of your working.

$\angle DEF =$ ..... °

**(Total for Question 19 is 5 marks)**