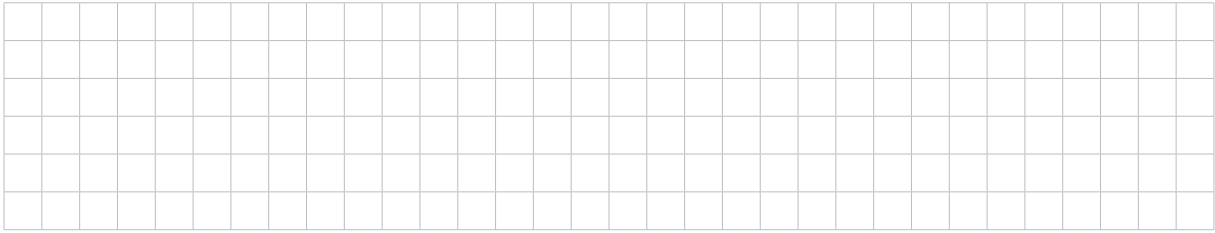
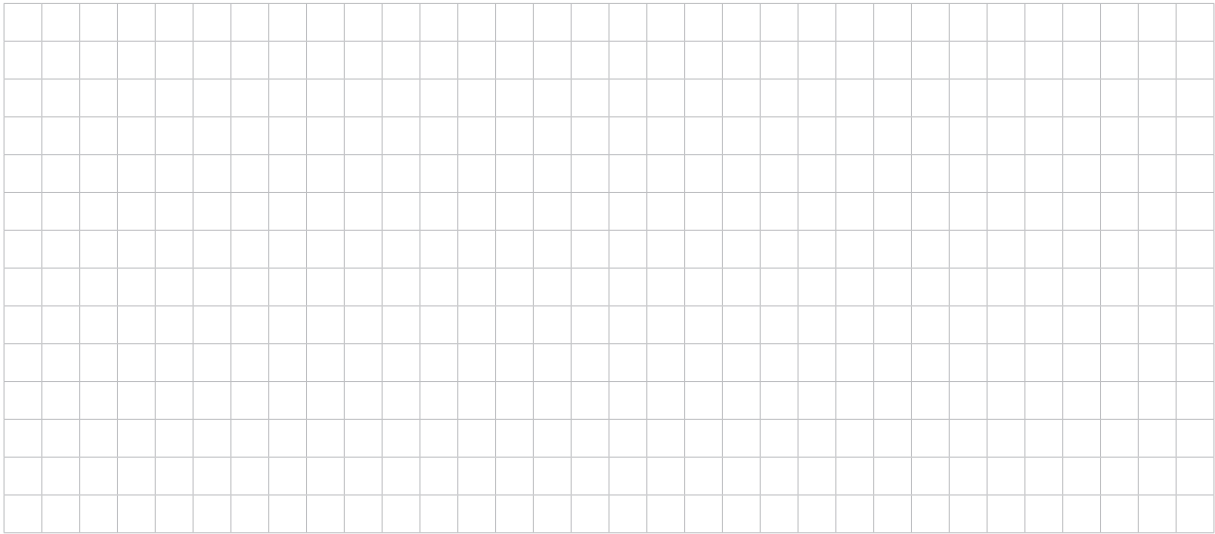


(b) (i) Explain why $EFGH$ is a parallelogram.



(2 marks)

(ii) Show that the area of $EFGH$ is $\frac{1}{4} |(a \times b) + (a \times c) + (b \times c)|$.



(2 marks)