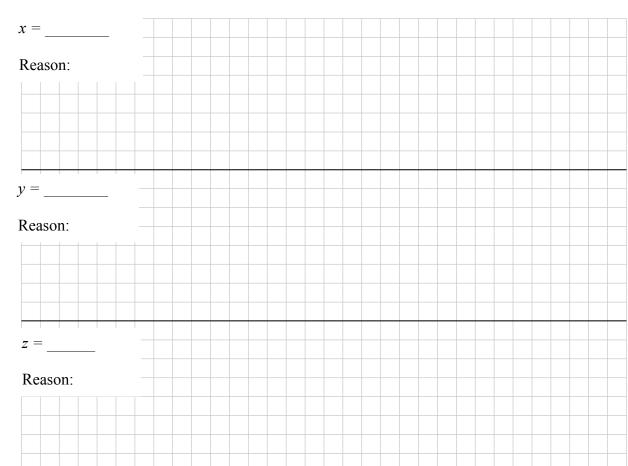


(a) The diagram shows a parallelogram, with one side produced.Use the data on the diagram to find the value of x, of y, and of z.

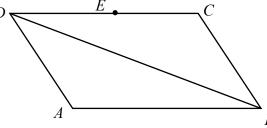
110° 30° /z°

Give a reason for your answer in each case.



- **(b)** The area of the parallelogram ABCD is 480 m².
 - (i) Find the area of the triangle *ABD*.

 $|\triangle ABD| =$



(ii) E is the midpoint of [CD]. Find the area of the triangle BCE.