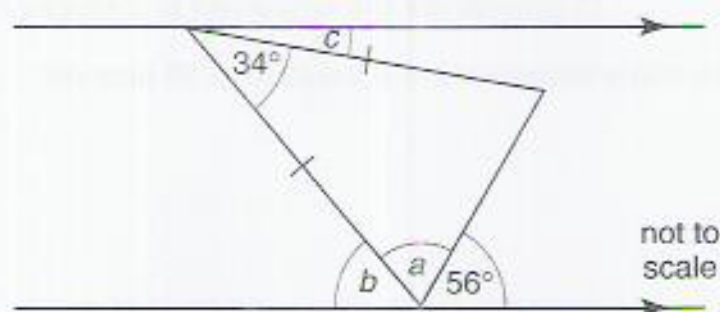


12. (a) Calculate the size of each of the angles marked a , b and c .



Answer: $a =$ ^o (2)

Answer: $b =$ ^o (2)

Answer: $c =$ ^o (2)

- (b) (i) Draw triangle ABC when $AB = 9$ cm, angle $BAC = 105^\circ$ and angle $ABC = 25^\circ$.

The position of A has been marked for you.

A +

(3)

- (ii) Measure and write down the length of AC .

Answer: $AC =$ cm (1)