

1 In the triangle  $ABC$ , the length  $AB = 6$  cm, the length  $AC = 15$  cm and the angle  $BAC = 30^\circ$ .

(a) Calculate the length  $BC$ . [2]

$D$  is the point on  $AC$  such that the length  $BD = 4$  cm.

(b) Calculate the possible values of the angle  $ADB$ . [3]