

- 25** A box of toy bricks contains only red bricks, blue bricks, green bricks, yellow bricks and orange bricks.

A brick is taken at random from the box.

The table gives information about the probabilities that the brick is red or is blue or is green or is yellow or is orange.

Colour	red	blue	green	yellow	orange
Probability	0.15	0.13	0.2	0.32	x

- (a) Calculate the value of x .

$$x = \dots \quad (2)$$

There are 39 blue bricks in the box.

- (b) Find the number of yellow bricks in the box.

$$\dots \quad (2)$$

Alvaro draws a pie chart to show information about the number of bricks of each colour.

- (c) Calculate the size of the angle, in degrees, of the sector for red bricks.

$$\dots \quad (2)$$

(Total for Question 25 is 6 marks)

