1 The table gives information about the number of points scored by each of 16 students in a game.

Number of points	Frequency
0	1
1	3
2	5
3	4
4	3

Tina worked out the median of the number of points scored to be 5

(a) Explain why it is **not** possible for the median to be 5

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....

....

(1)

Tina also worked out the total number of points scored by the 16 students in the game. Here is her working.

$$(0 \times 1) + (1 \times 3) + (2 \times 5) + (3 \times 4) + (4 \times 3) = 1 + 3 + 10 + 12 + 12 = 38$$

Tina made a mistake in her working to find the total number of points scored.
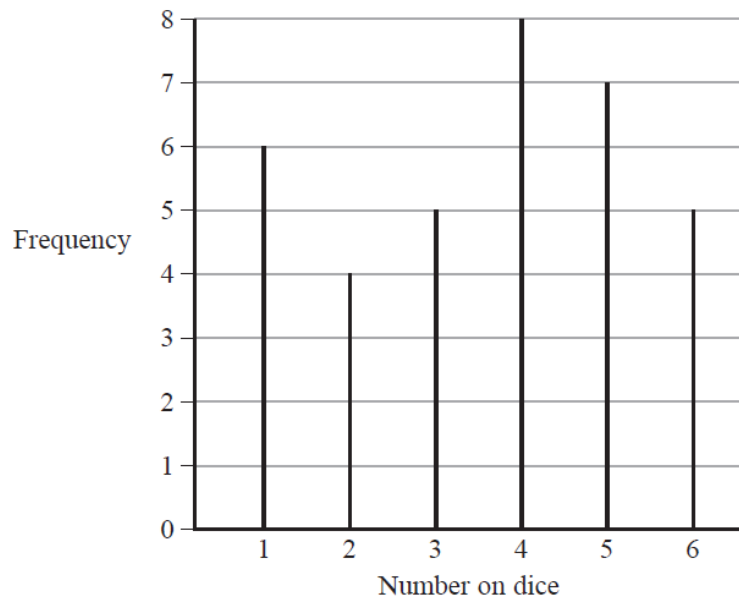
(b) Describe the mistake that Tina made.

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(1)

(Total for Question   is 2 marks)

2   5 students throw a dice.
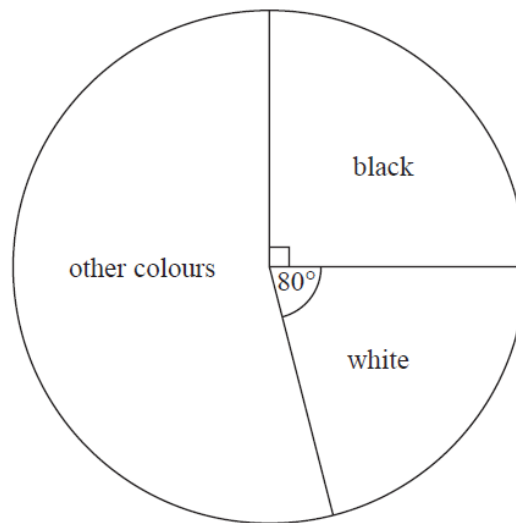They each throw the dice the same number of times.

The diagram gives information about the number of times the dice lands on each number.

Work out how many times each student throws the dice.

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(Total for Question   is 3 marks)

3 The pie chart gives information about the colour of each car in a car park.

There are 135 black cars in the car park.

(a) Work out the number of white cars in the car park.

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(3)

There are 50 grey cars in the car park.

A car in the car park is picked at random.

(b) Find the probability that this car is grey.

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(2)

(Total for Question   is 5 marks)