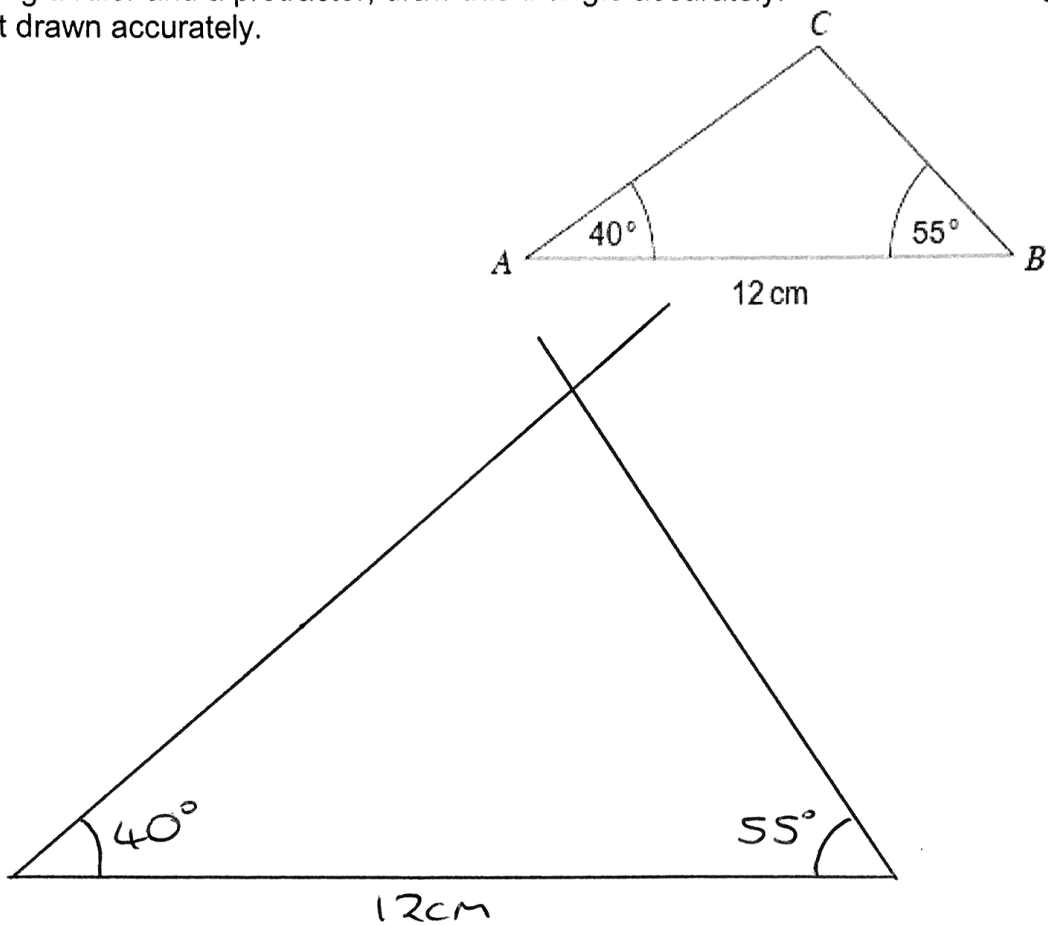


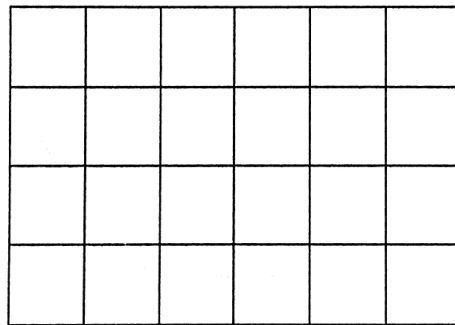
Q1. Using a ruler and a protractor, draw this triangle accurately.
Not drawn accurately.



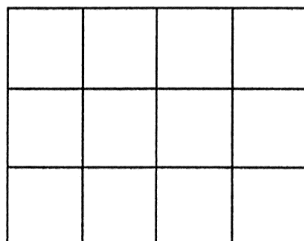
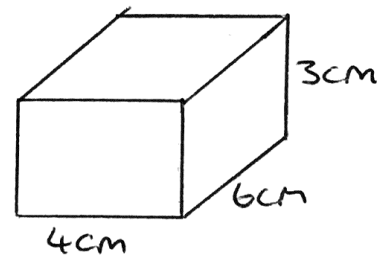
(Total 3 marks)

Q2. A solid cuboid is made from centimetre cubes.

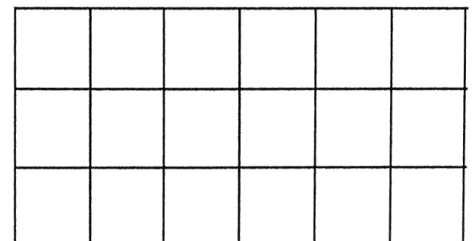
How many centimetre cubes were used to make the cuboid?



Plan view



Front elevation

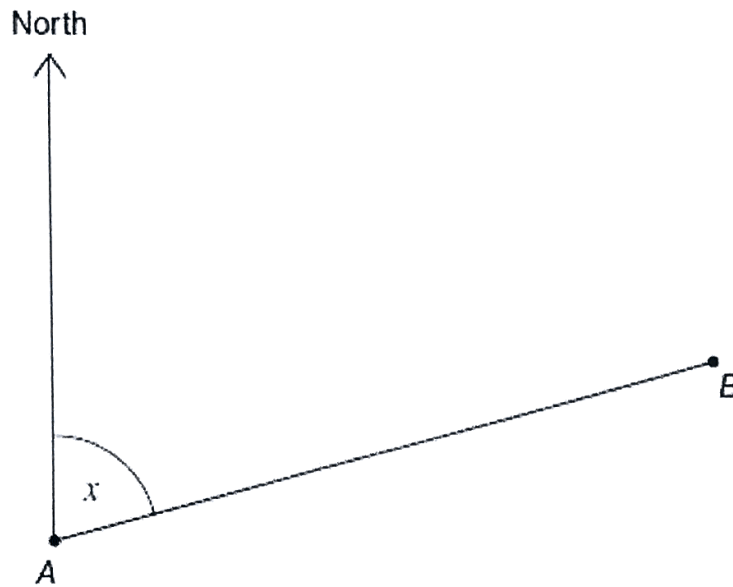


Side elevation

Answer $3 \times 4 \times 6 = 72$ cubes

(Total 2 marks)

Q3. The diagram shows the position of ships *A* and *B*.



(a) Circle the size of angle *x*

- 55° 65° 75° 85° 95°

(1)

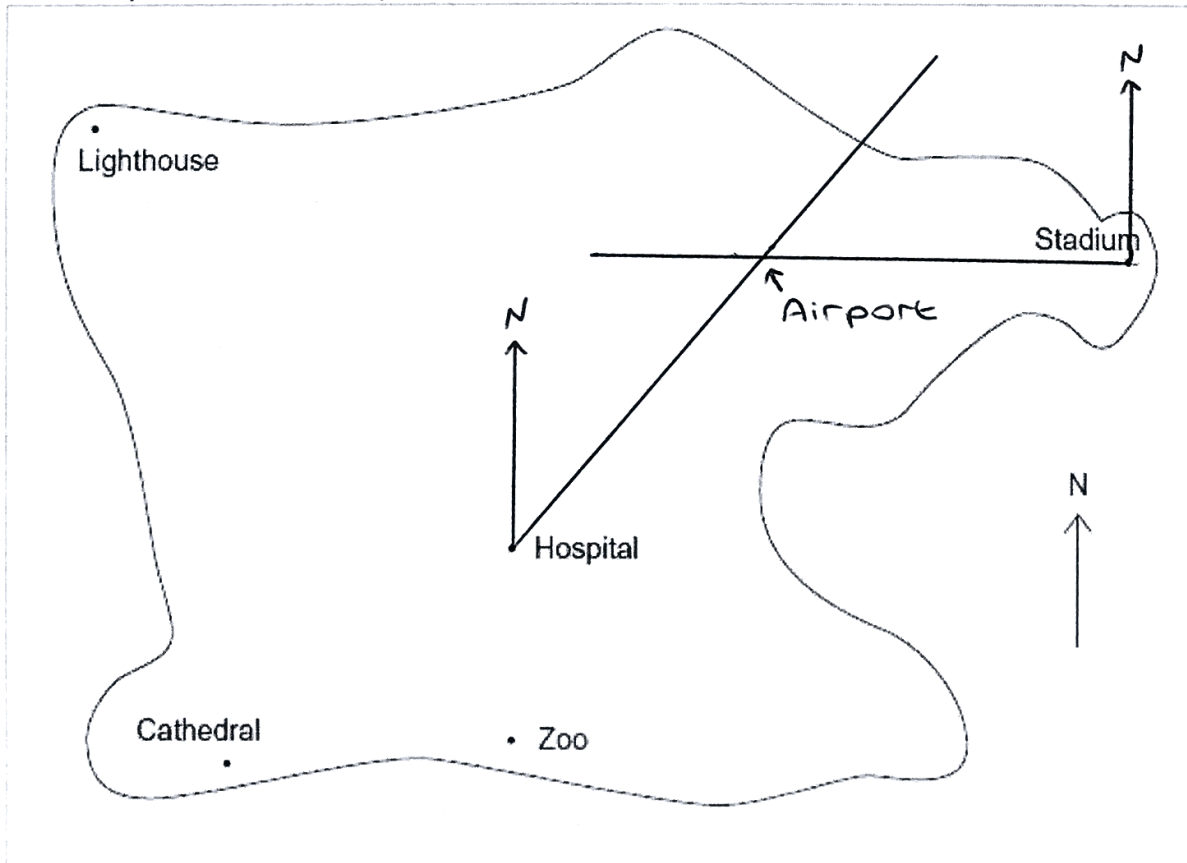
(b) What is the 3-figure bearing of *B* from *A*?

Answer 075 °

(1)

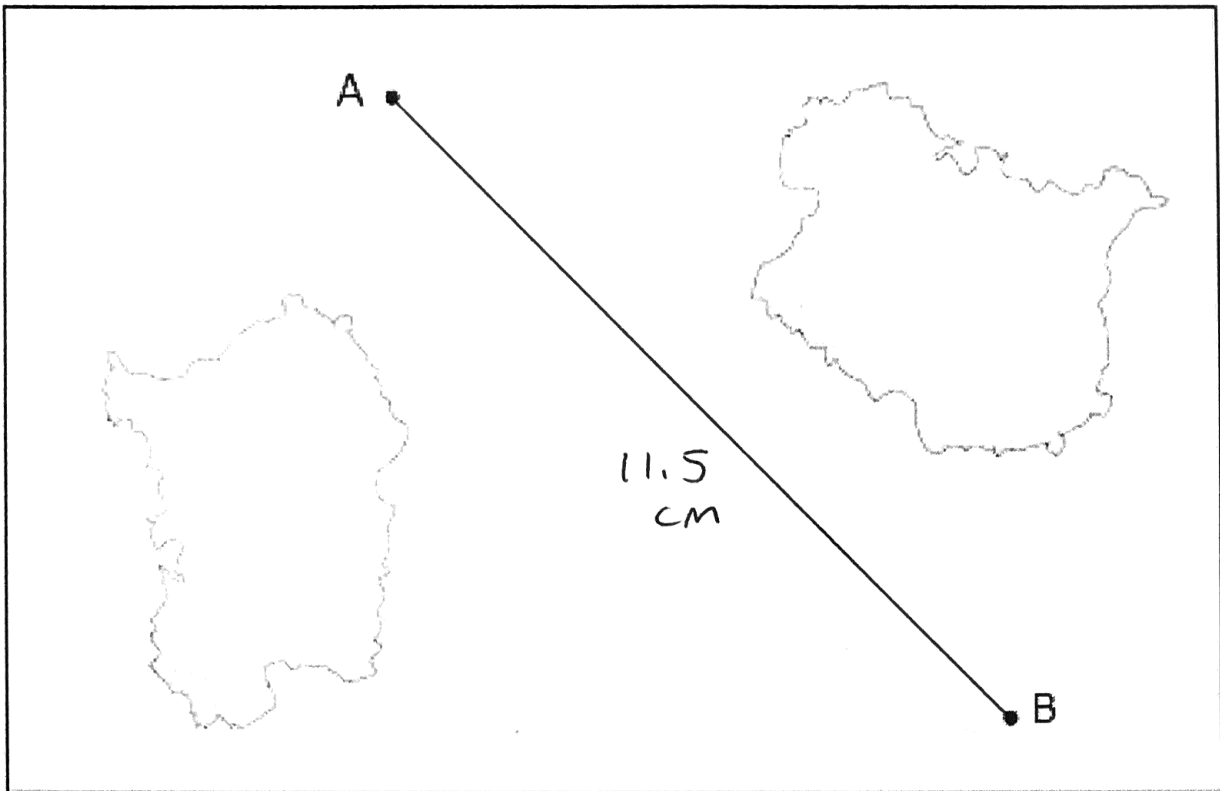
(Total 2 marks)

Q4. The airport is on a bearing of 040° from the Hospital and 270° from the Stadium. Mark the position of the Airport on the map.



(Total 3 marks)

Q5. The map shows the positions of two ships, A and B.



Scale: 1 cm represents 2.5 km

Work out the actual distance between the ships.

..... $11.5 \times 2.5 = 28.75 \text{ km}$

.....

.....

Answer 28.75 km
(Total 2 marks)

Q6. The scale on a map is 1 : 20 000. What is the actual distance represented by 1 centimetre?
Give your answer in metres.

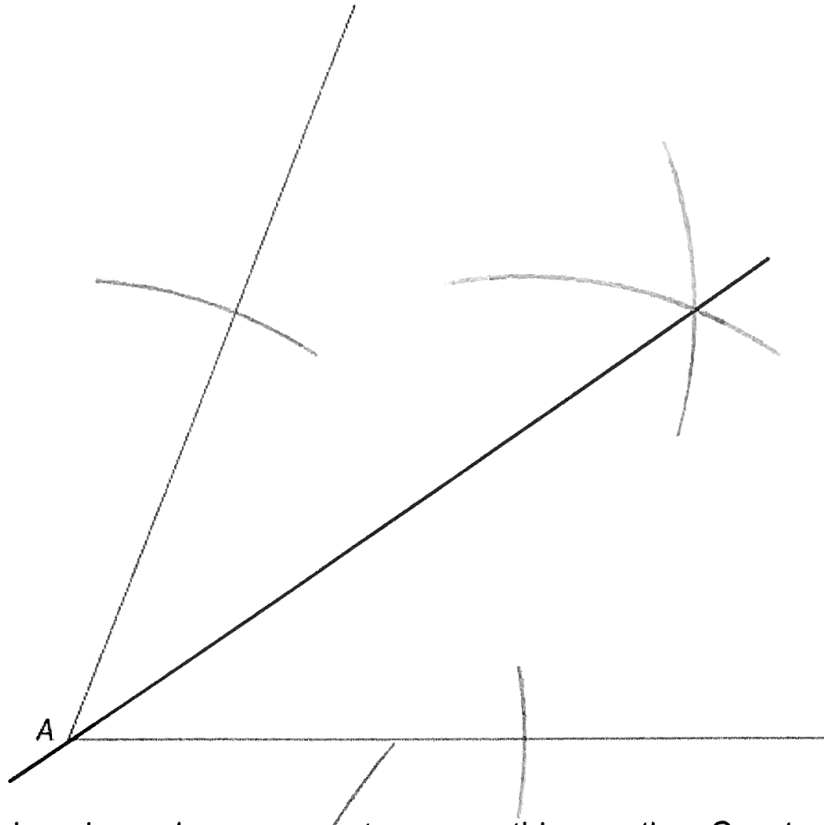
..... $20\ 000 \text{ cm} = 200 \text{ m} = 0.2 \text{ km}$

.....

.....

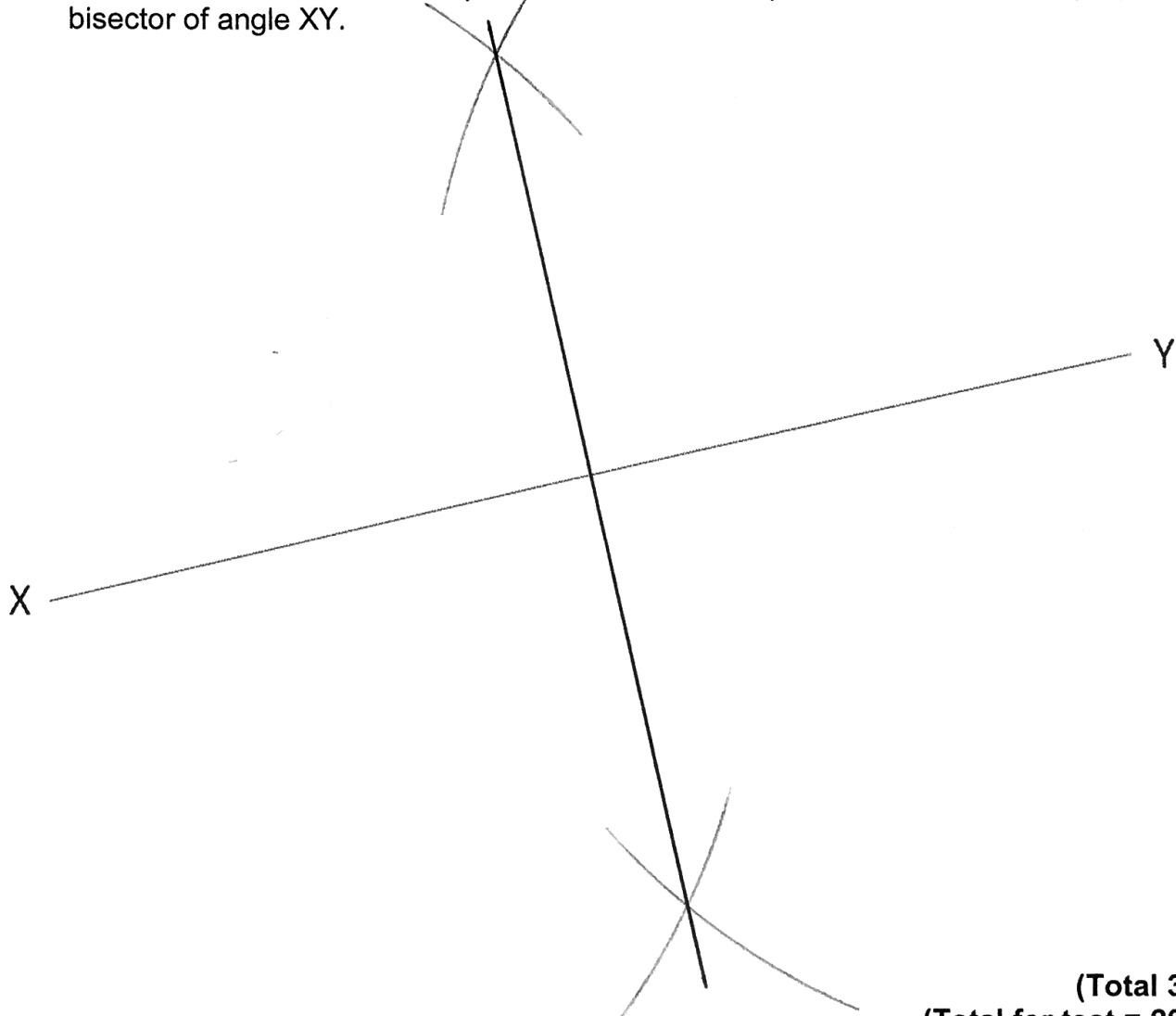
Answer 200 m
(Total 2 marks)

- Q7.** You will need a ruler and compasses to answer this question. Construct the angle bisector of angle A.



(Total 3 marks)

- Q8.** You will need a ruler and compasses to answer this question. Construct the perpendicular bisector of angle XY.



(Total 3 marks)
(Total for test = 20 marks)