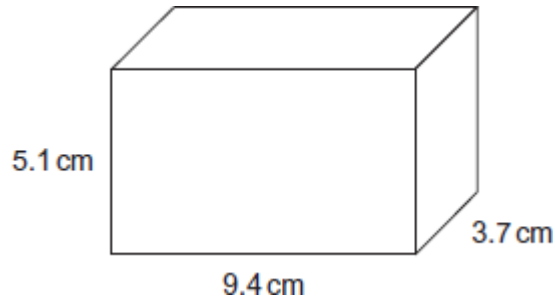


Q1. The diagram shows a cuboid.



The cuboid is enlarged by scale factor 4.

(a) Work out the dimensions of the enlarged cuboid.

.....
.....
.....

Answer cm , cm , cm

(2)

(b) How many times bigger is the volume of the enlarged cuboid than the volume of the original cuboid?

.....
.....

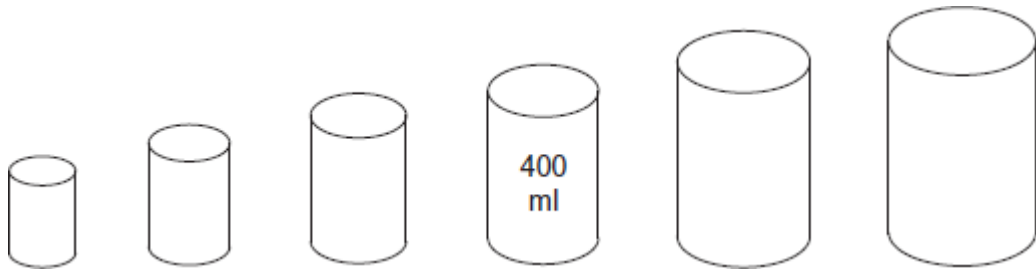
Answer

(2)

(Total 4 marks)

Q2. A company makes tins in six different sizes.

For each increase in size, the capacity of the tin **doubles**.



(a) Work out the capacity of the smallest tin.

.....

Answer ml

(2)

(b) Work out the capacity of the largest tin.
Give your answer in litres.

.....

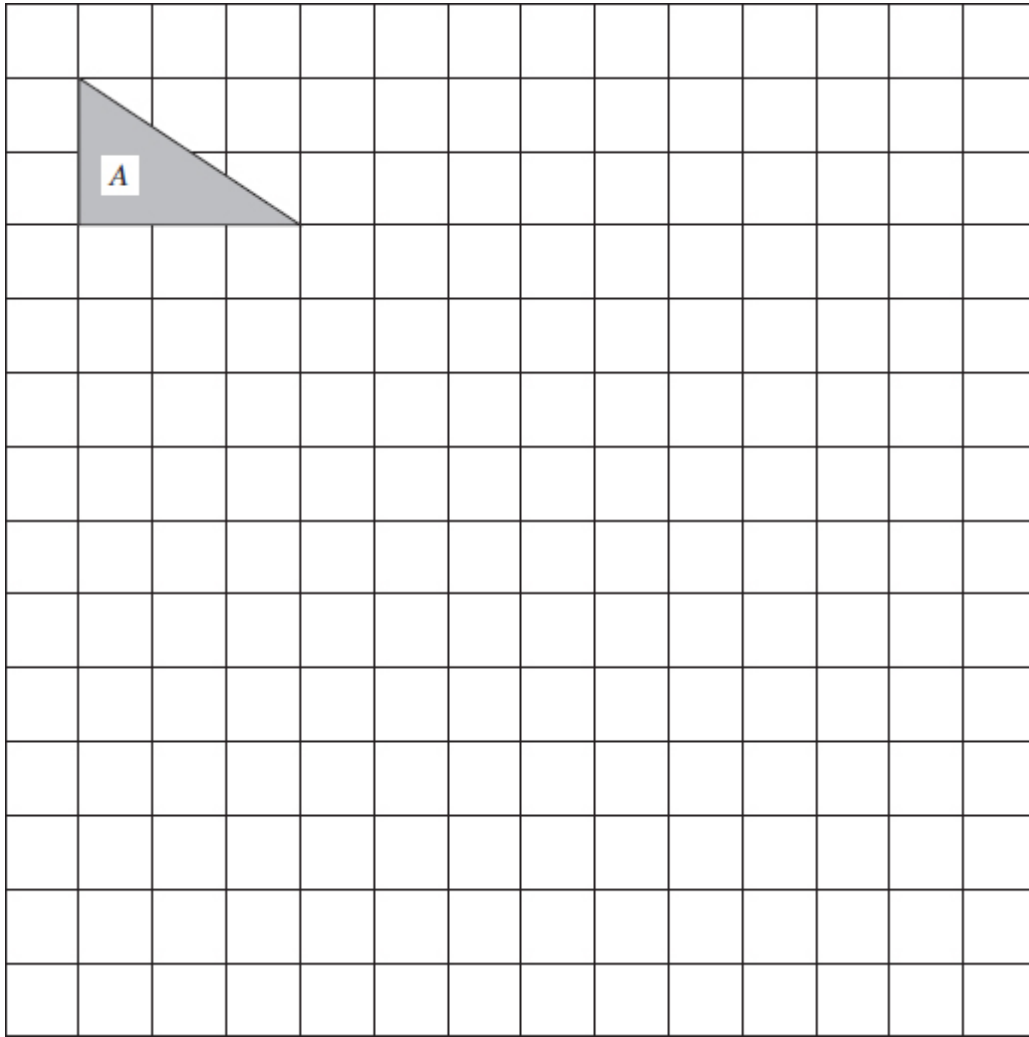
.....

Answer litres

(2)

(Total 4 marks)

Q3. Shape *A* on the centimetre grid is enlarged by scale factor 3.



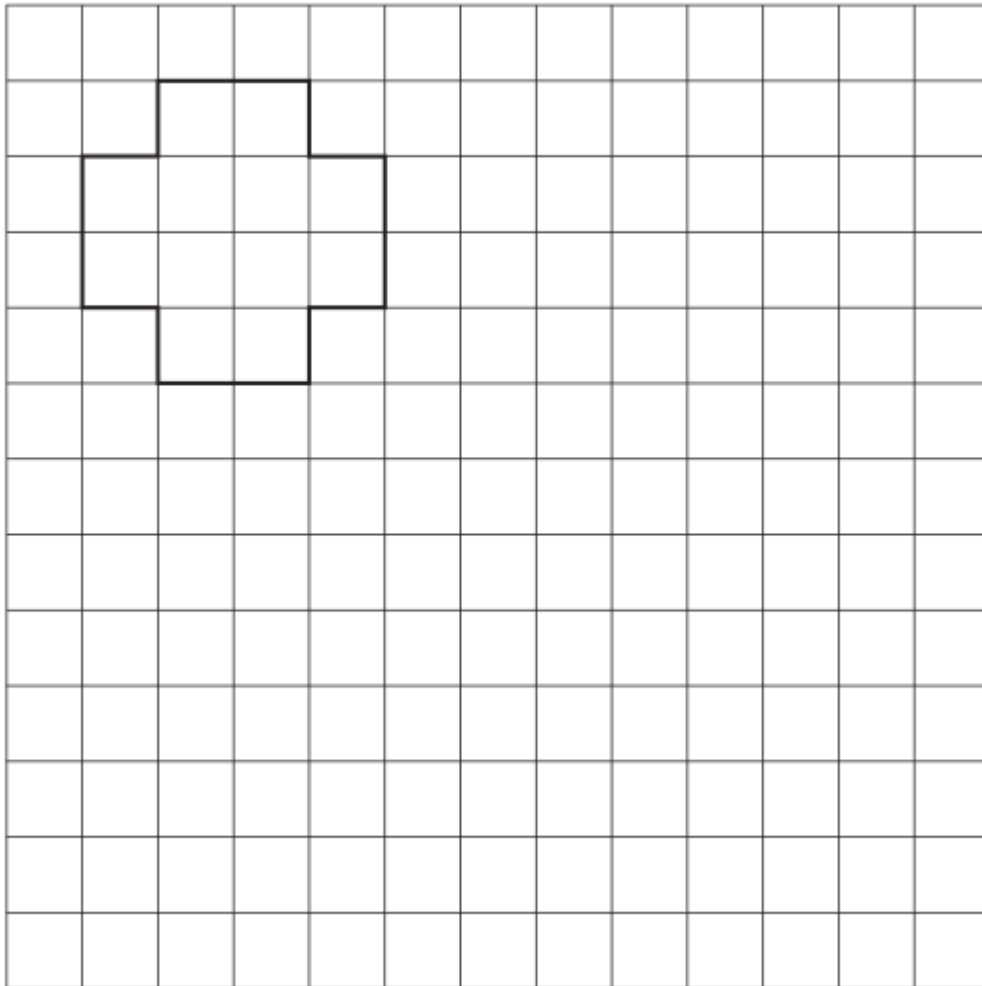
Work out the area of the enlargement.

.....
.....
.....
.....

Answer cm²

(Total 3 marks)

Q4. The diagram shows a shape on a centimetre grid.



Work out the area of the shape after an enlargement of scale factor 2.
State the units of your answer.

.....
.....
.....
.....

Answer

(Total 3 marks)