

1. Calculate the area of this shape.

8 cm

6 cm



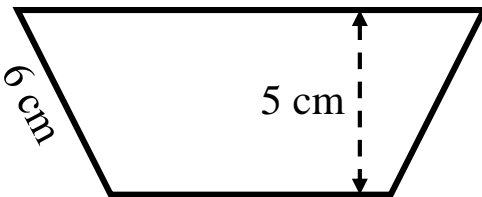
2. Calculate the area of this shape.

14 cm

6 cm

5 cm

9 cm



.....
(2 marks) Available from my TES account (2 marks)

3. Calculate the surface area of the cube below.

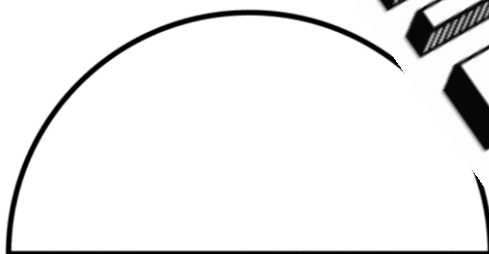
Volume = 125cm^3



Surface area =
(3 marks)

3. Calculate the circumference of this semi-circle.

Leave your answer in terms of π .



10 cm

.....
(2 marks)

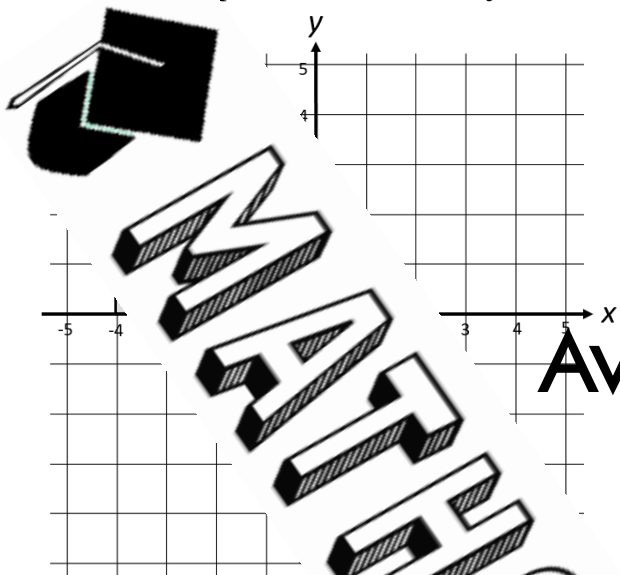
4. Two sides of a right angle triangle are 12cm and 7cm.

There are two possible answers for the third side.

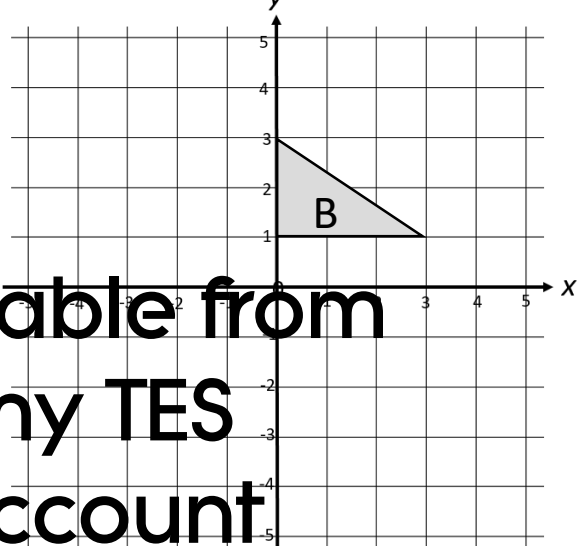
Round your answers to 1 decimal place.

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(2 marks)

5. Reflect shape A in the line $y = x$



6. Rotate shape B by 180° about the center $(-1, -1)$

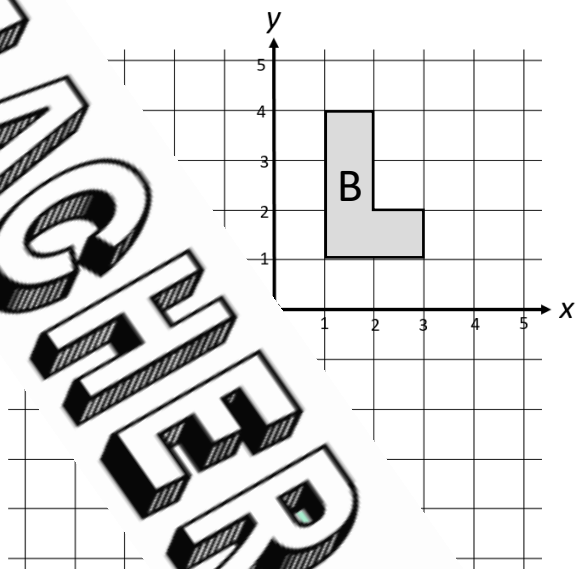
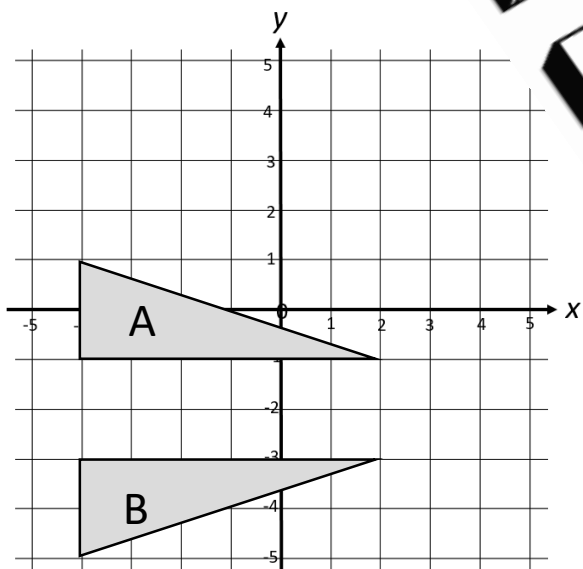


Available from
my TES
account

(2 marks)

7. Describe the single transformation from shape A to B.

Enlarge shape A by scale factor -2 about the center $(0, 1)$



(2 marks)

(2 marks)

Score =