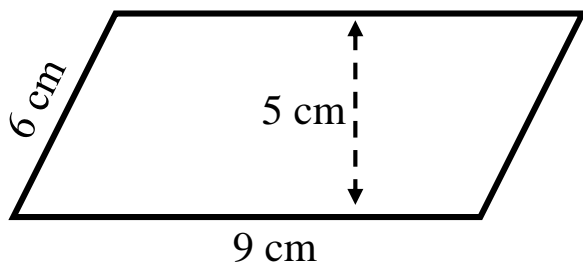


1. Calculate the area of this shape.



.....
(2 marks)

2. Calculate the area of this shape.



.....
(2 marks)

3. Calculate the surface area of the cube below.

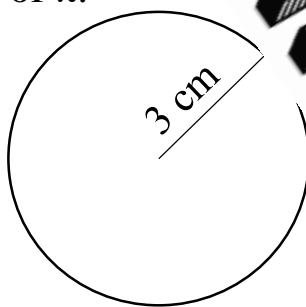


Volume =

Surface area =
(5 marks)

3. Calculate the circumference of this circle.

Leave your answer in terms of π .

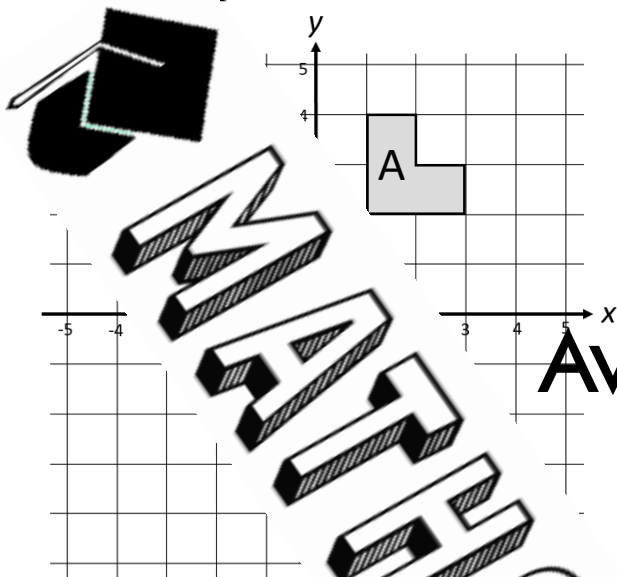


.....
(2 marks)

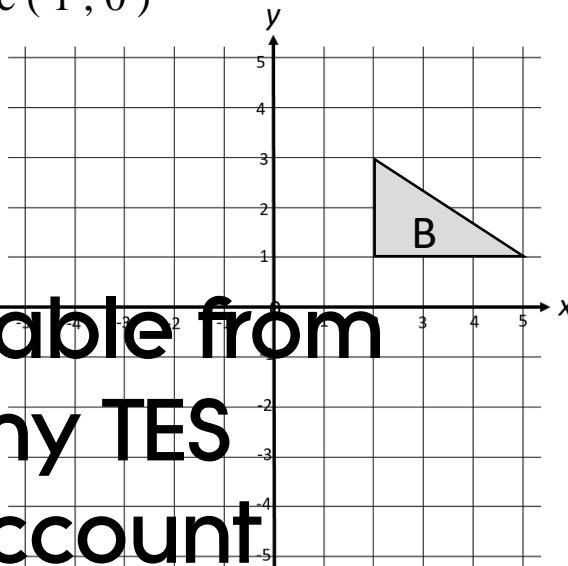
4. Is it possible to make a right angle triangle with sides of 3 cm, 4 cm and 5 cm? Justify your answer.

.....
(2 marks)

5. Reflect shape A in the line $x = -1$



6. Rotate shape B by 180° about the $(1, 0)$

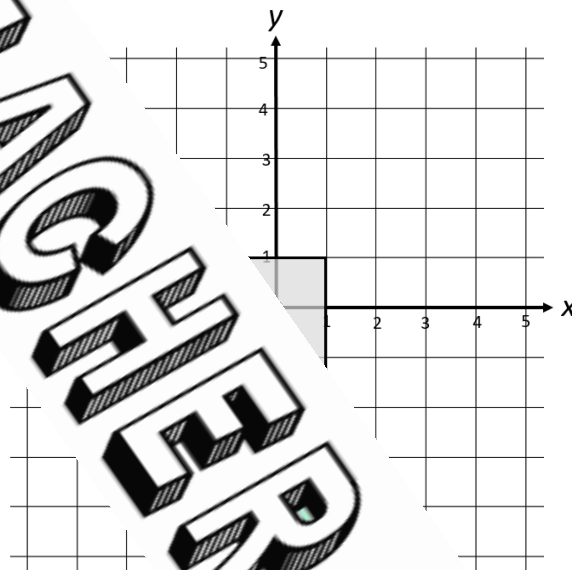
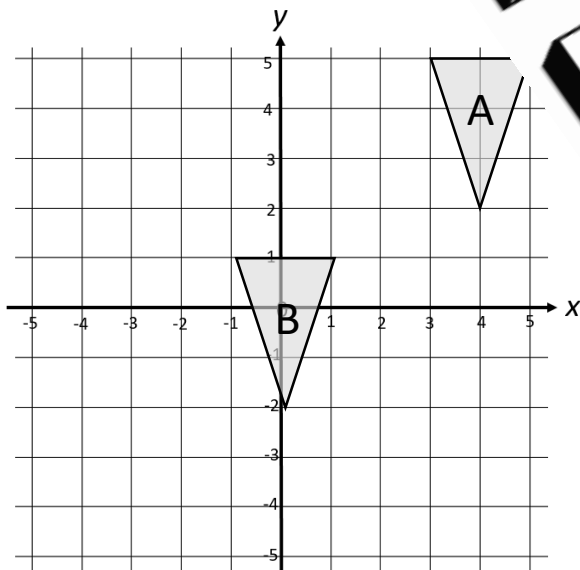


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account

(2 marks)

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

Enlarge shape A by scale factor $\frac{1}{2}$ the center $(3, 3)$



(2 marks)

(2 marks)

Score =