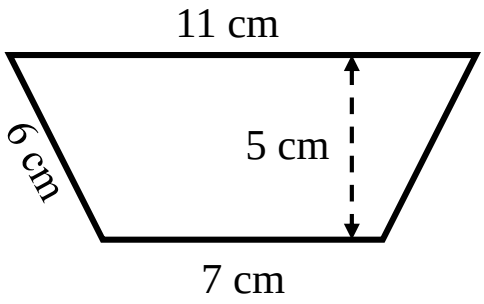
Higher Homework 23 : Shape

1. Calcu[illegible] the area of this shape.

……

(2 marks)

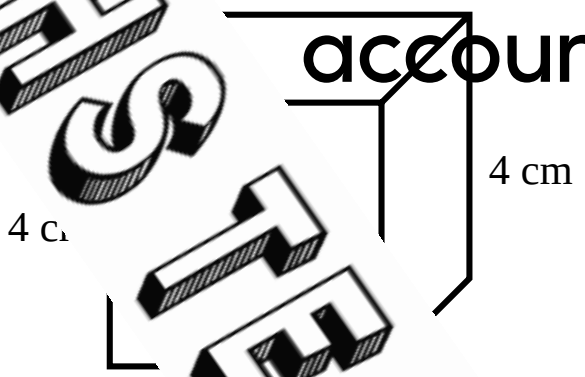
2. Calculate the area of this shape.



……

(2 marks)

3. Calculate t[illegible] face area of the cube below.

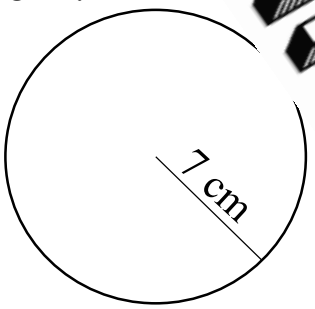


Volume = ……

Surface area = … ……

(5 marks)

3. Calculate the area of this circle.
Leave your answer in terms of π.



……

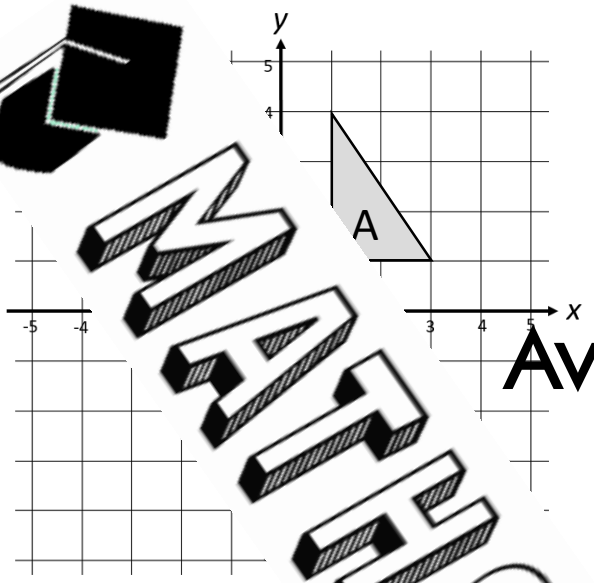
[illegible]arks)

4. Is it possible to make a right angle triangle with sides of [illegible]

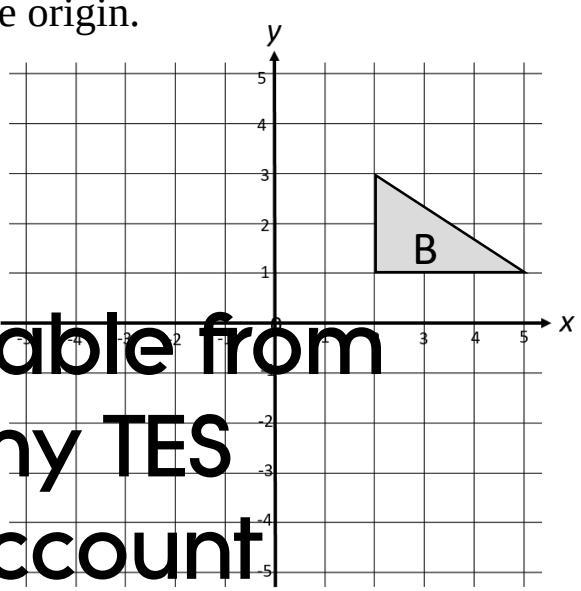
……

(2 marks)

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

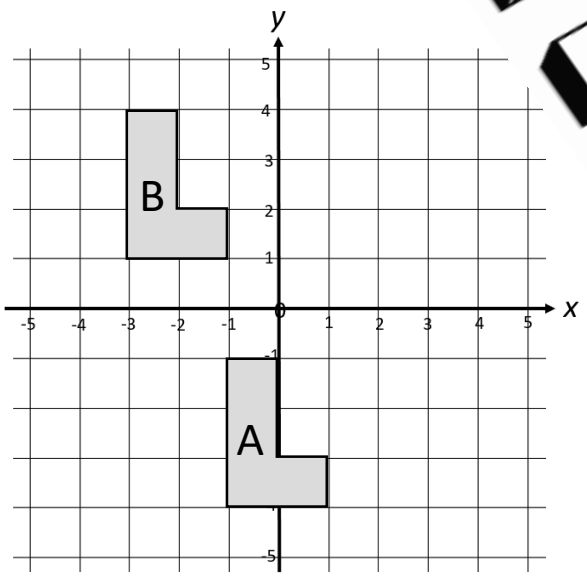


6. Rotate shape *B* by 90° ACW about the origin.



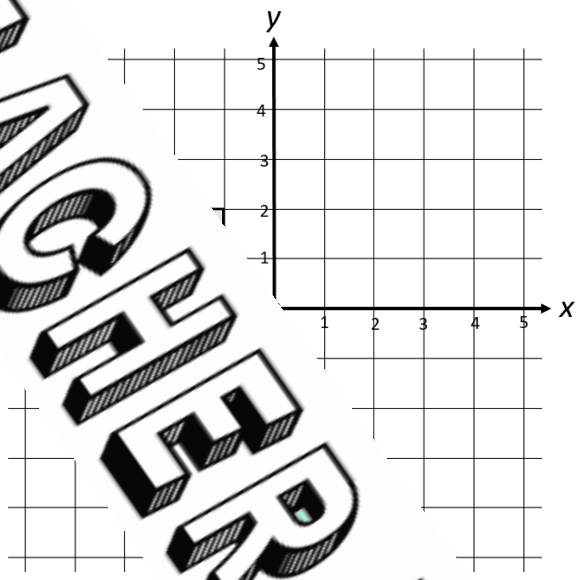
(2 marks)

7. Describe the single tra… from shape A to B.



(2 marks)

…nlarge shape *A* by scale factor 3 …the center (-3 , 0)



…rks)

Score =