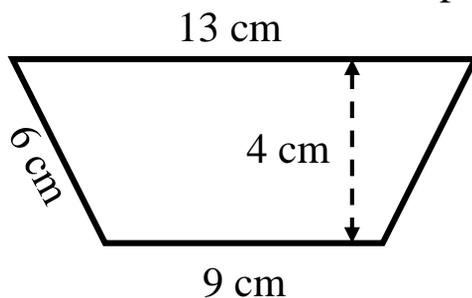


1. Calculate the area of this shape.



2. Calculate the area of this shape.



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

3. Calculate the surface area of the cube below.

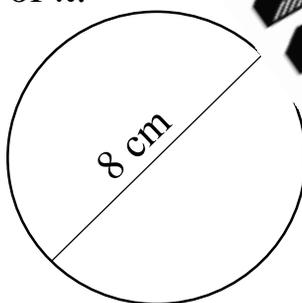


Volume =

Surface area =
(5 marks)

3. Calculate the area of this circle.

Leave your answer in terms of π .

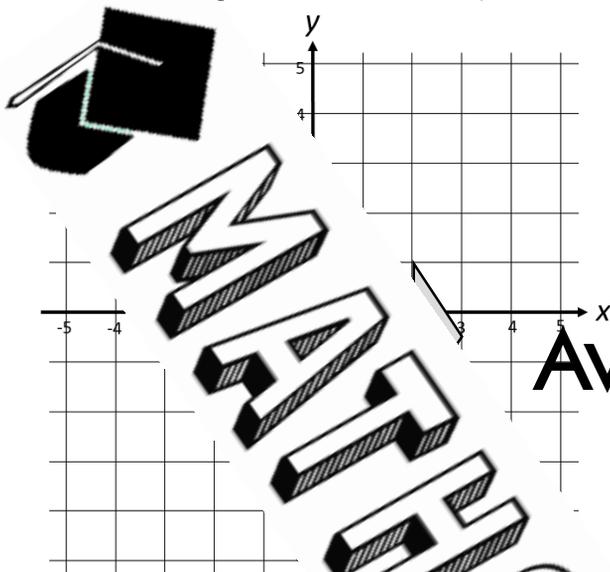


.....
(2 marks)

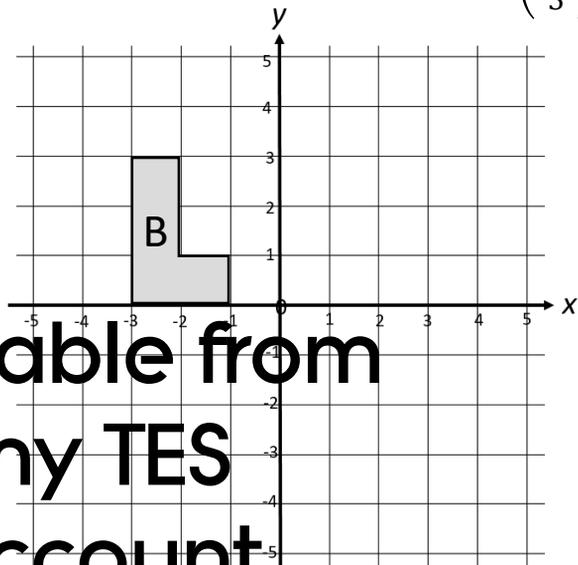
4. Is it possible to make a right angle triangle with sides of 4, 5, and 6?

.....
(2 marks)

5. Reflect shape A in the line $y = -2$



6. Translate shape B by the vector $\begin{pmatrix} -2 \\ 3 \end{pmatrix}$

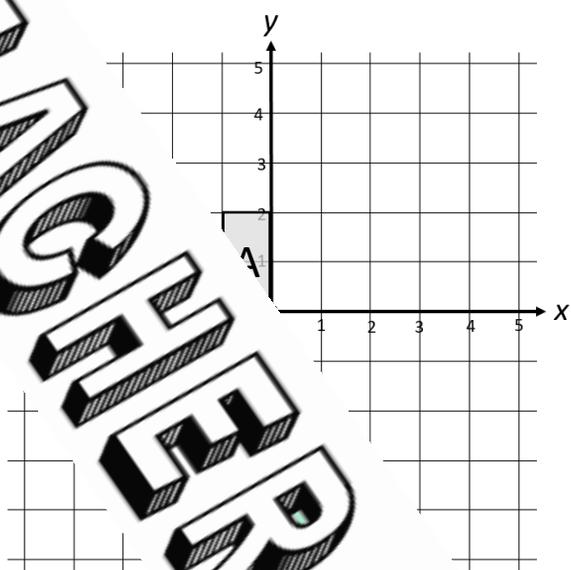
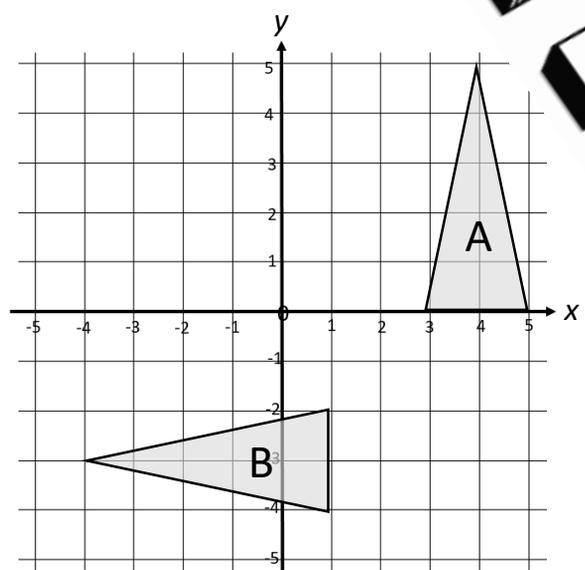


Available from
my TES
account

(2 marks)

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

Enlarge shape A by scale factor 3 with the center $(-2, 2)$



(2 marks)

(2 marks)

Score =