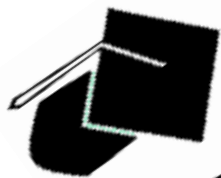
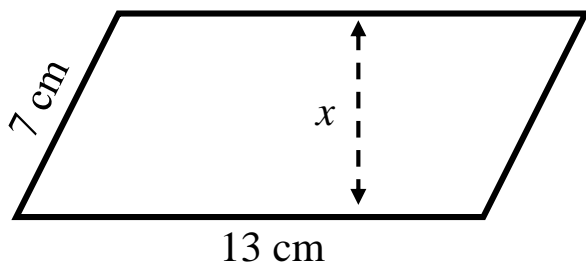


1. Calculate x .



Area = 14 cm^2

2. Calculate x .



.....
(2 marks)

Area = 78 cm^2

.....
(2 marks)

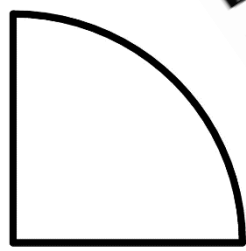
3. Calculate the surface area of the cube below.



Volume = 1000 cm^3

Surface area =
(3 marks)

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



8 cm

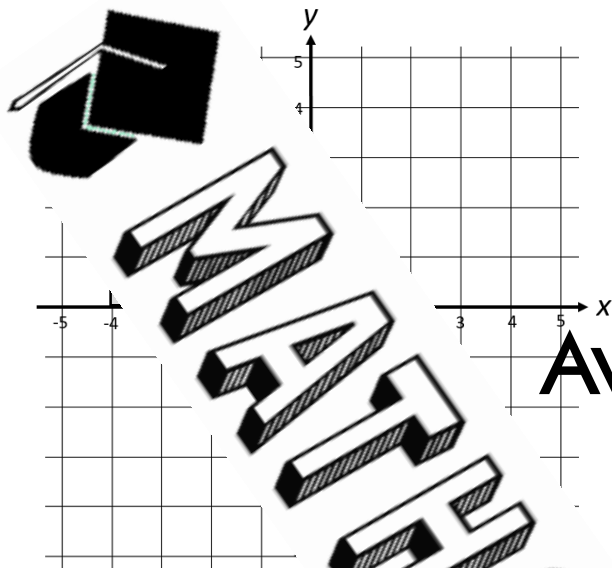
.....
(2 marks)

4. Two sides of a right angle triangle are 8cm and 15cm.
There are two possible answers for the third side.
Round your answers to 1 decimal place.

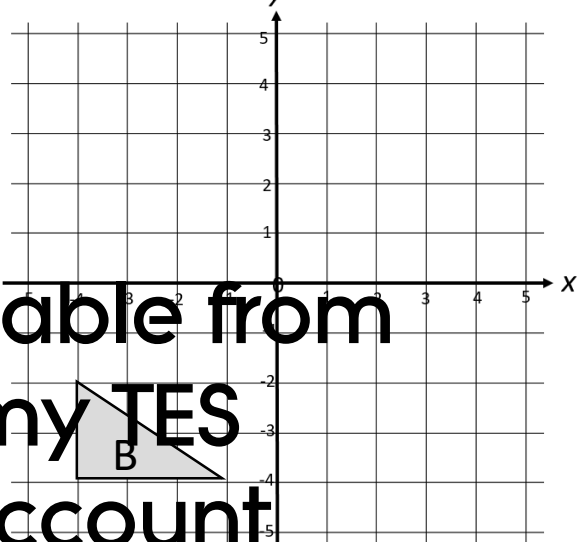
.....
(2 marks)

MATHS TEACHER HUB
 Available from my TES account

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



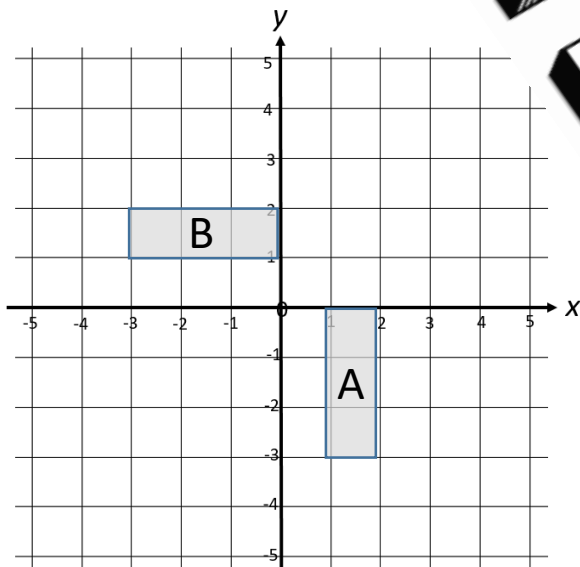
6. Rotate shape B by 90° ACW about the center $(0, -2)$



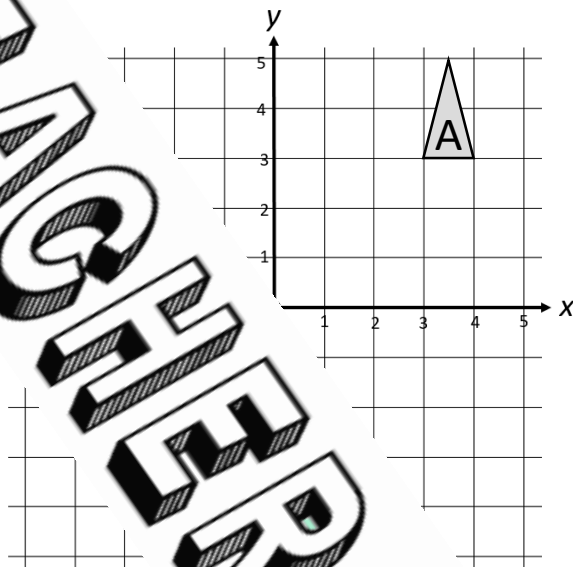
Available from
my TES
account

(2 marks)

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



Enlarge shape A by scale factor -3 about the center $(0, 1)$



(2 marks)

Score =