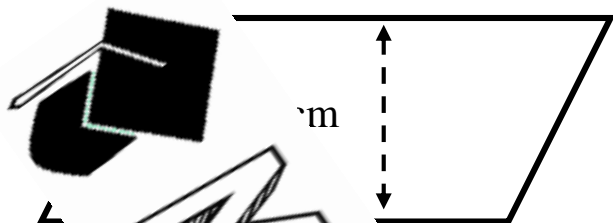
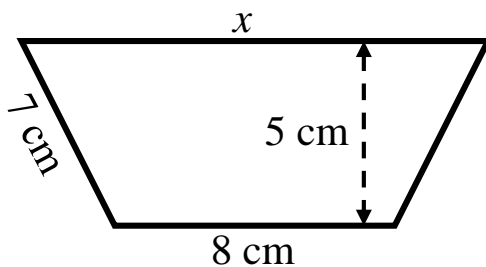


1. Calculate the area of the trapezium below.



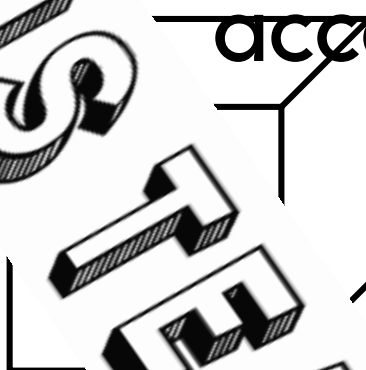
Area =
(2 marks)

2. Calculate the area of the trapezium below.



Area = 50 cm^2
(2 marks)

3. Calculate the surface area of the cube below.

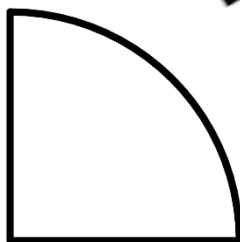


Volume = 512 cm^3

Surface area =
(3 marks)

3. Calculate the circumference of this quarter circle.

Leave your answer in terms of π .



6 cm

.....
(2 marks)

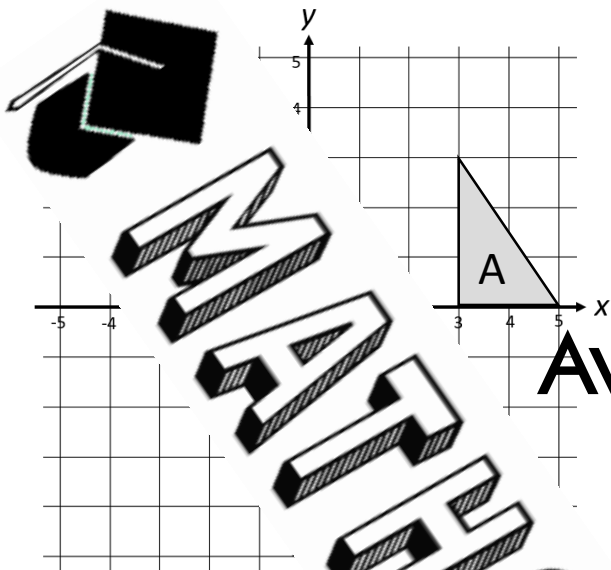
4. Two sides of a right angle triangle are 9cm and 16cm.

There are two possible answers for the third side.

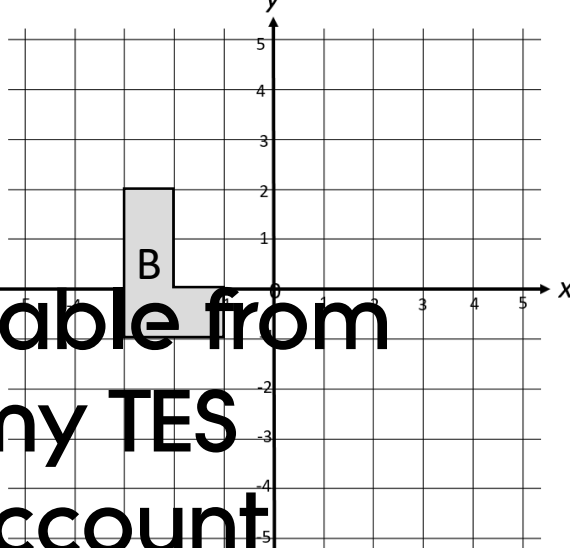
Round your answers to 1 decimal place.

.....
(2 marks)

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



6. Rotate shape B by 270° ACW about the center $(0, -2)$

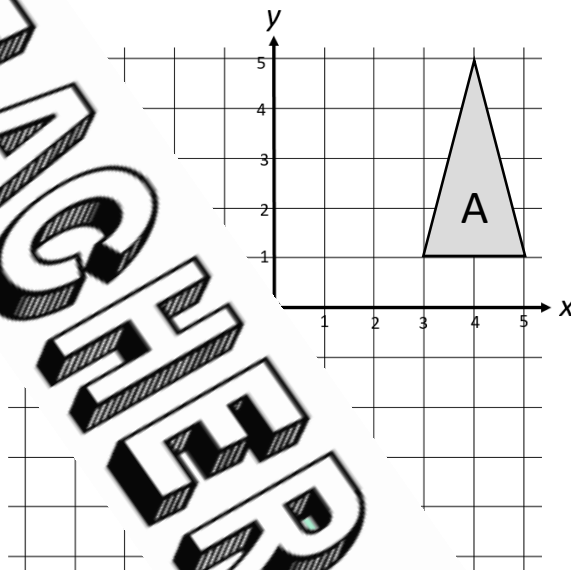
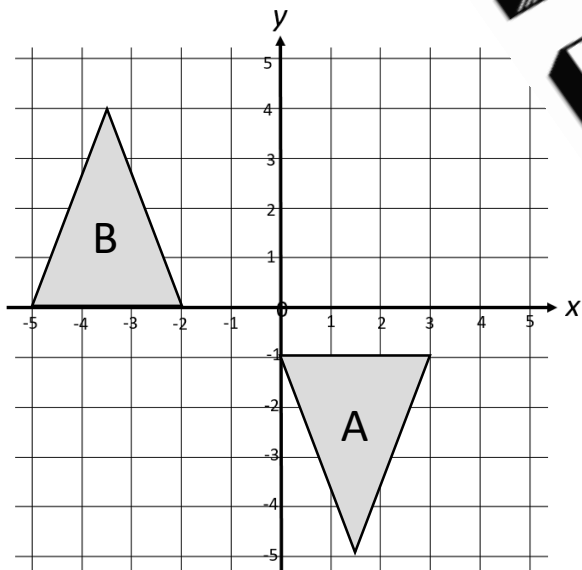


Available from
my TES
account

(2 marks)

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

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



(2 marks)

(KS)

Score =