1. Calculate the area of this shape.
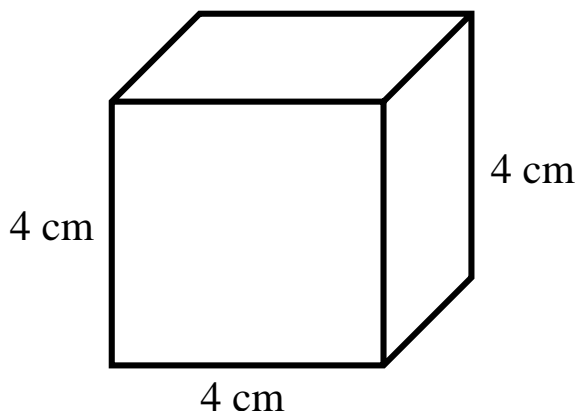
11 cm

5 cm

7 cm

…………………

(2 marks)

2. Calculate the area of this shape.

11 cm

6 cm

5 cm

7 cm

…………………
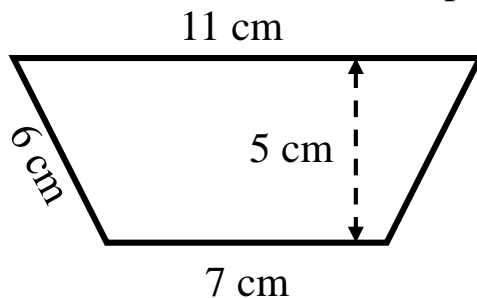
(2 marks)

3. Calculate the volume and surface area of the cube below.

4 cm

4 cm

4 cm

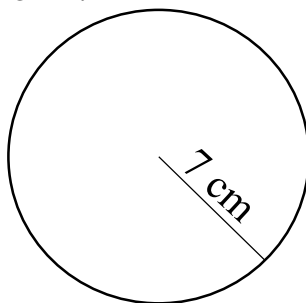*Volume =* …………

Surface area = … ………

(5 marks)

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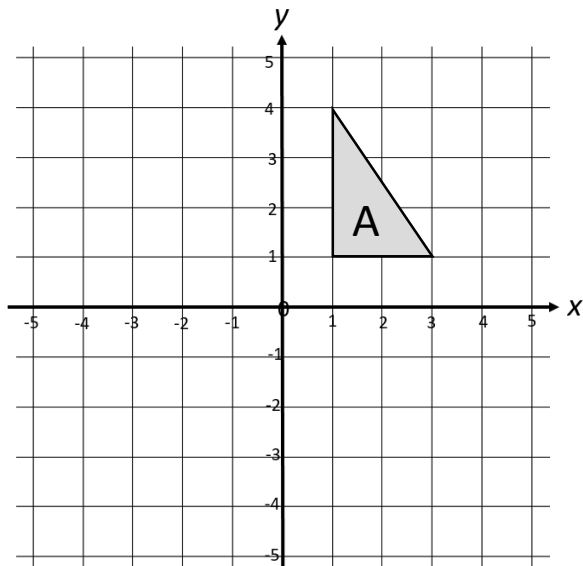Leave your answer in terms of π.

7 cm

…………………

(2 marks)

4. Is it possible to make a right angle triangle with sides of 2cm, 6cm and 5cm.

…………………
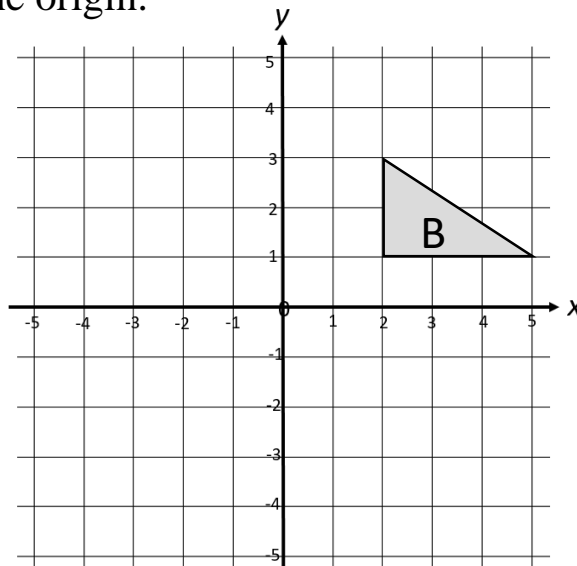
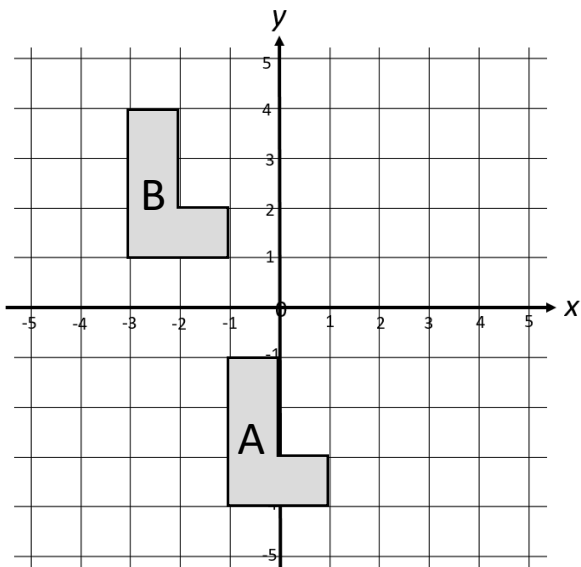(2 marks)

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

(2 marks)
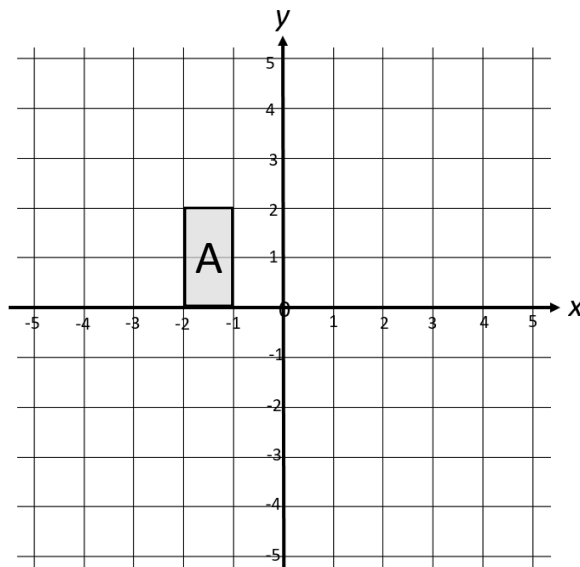
6. Rotate shape *B* by 90° ACW about the origin.

(2 marks)

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

_____

_____

_____

_____

(2 marks)

8. Enlarge shape *A* by scale factor 3 from the center (-3 , 0)

(2 marks)

Score =