1. What is the area of the shaded part in Figure 1? (Take $\pi = {}^{22}/_{7}$)

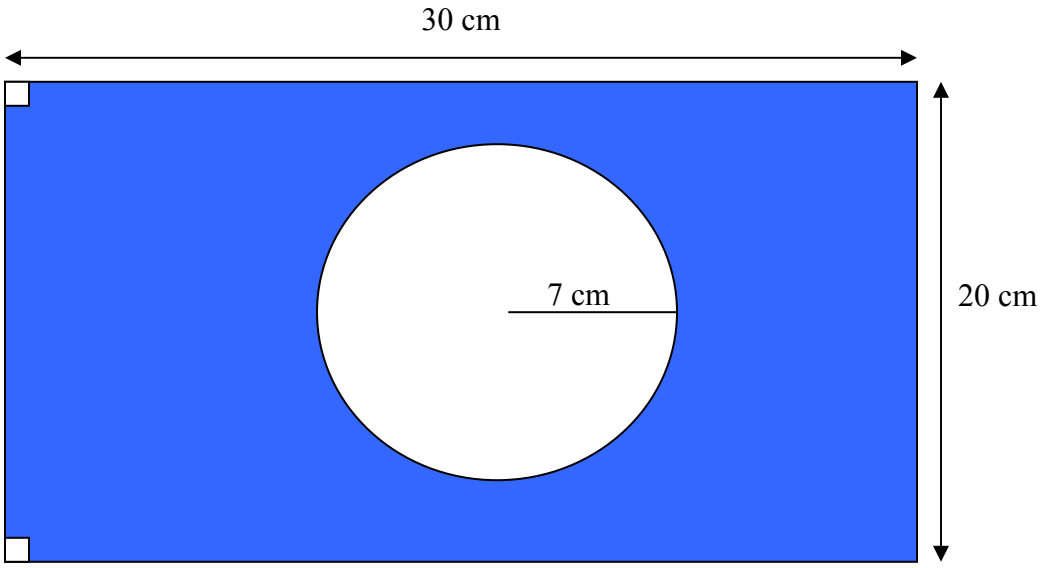

Figure 1

= _____

2. Find the area of the shaded part of the square in Figure 2.

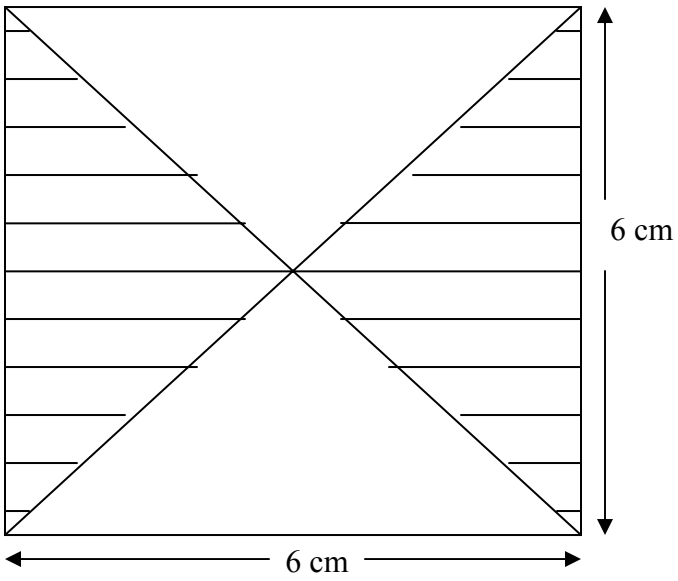

Figure 2

= _____ cm²

3. Figure 3 is a photoframe of width 20 cm and height of 25 cm. The thickness of the wooden part is 3 cm. What is the area of the photograph (the shaded area)?

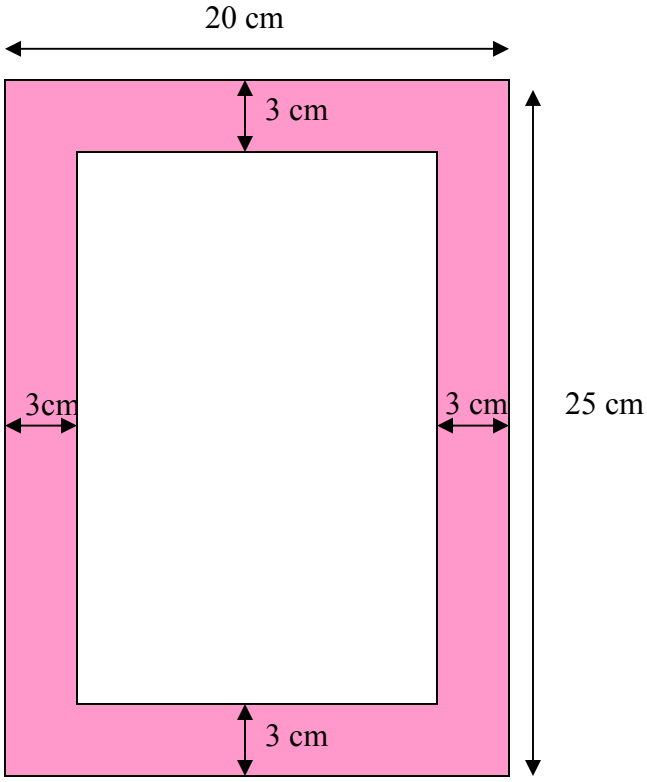

Figure 3

= _____ cm²

4. Figure 4 shows a diagram of a circle within a square. If the side of the square is 22 cm and the area of the circle is 154 cm², what is the area of the shaded part of the square?

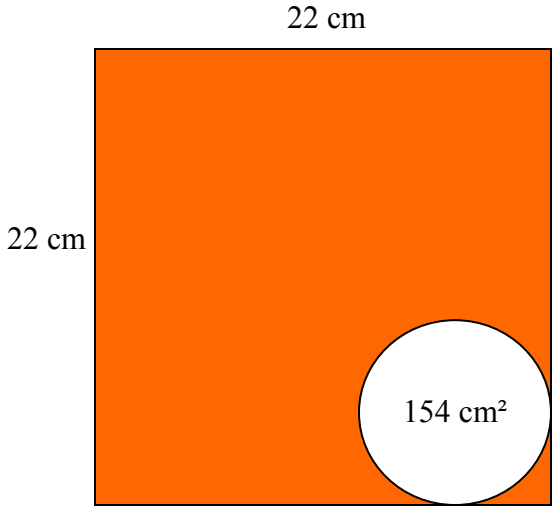

Figure 4

= _____

5. Calculate the area of the triangle ABC. BC = 6 cm and the height is 4 cm.

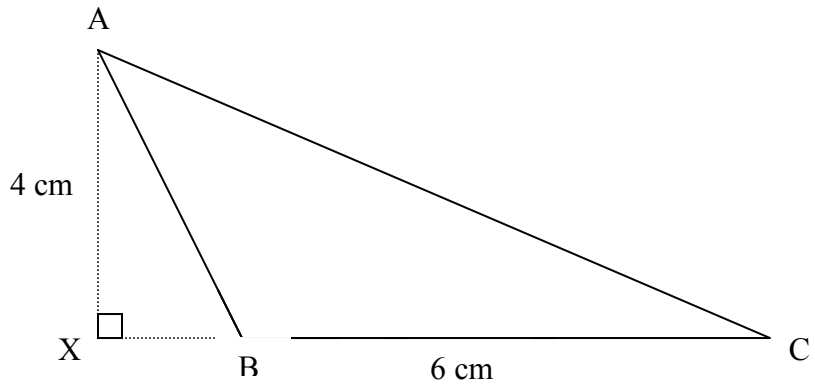

Figure 5

= _____ cm²

6. Find the area of the shaded part of the isosceles triangle ABC of height 6 cm and base 8 cm. The length of each side of the square is 2 cm.

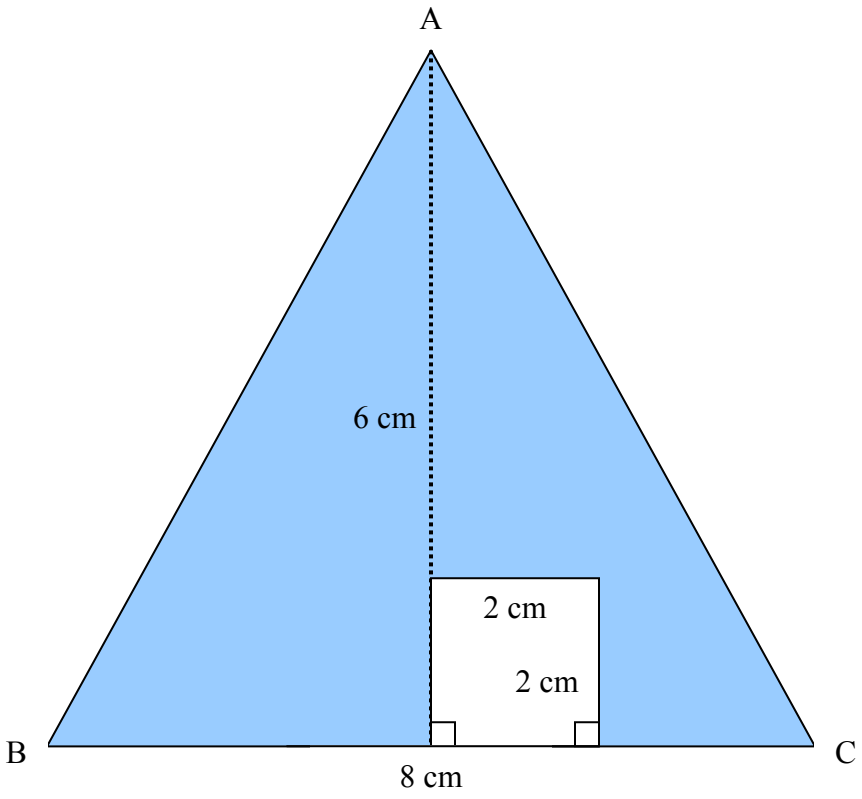

Figure 6

= _____ cm²

7. The hexagon ABCDEF in Figure 7 is made up of 6 equal triangles. Find the area of the hexagon.

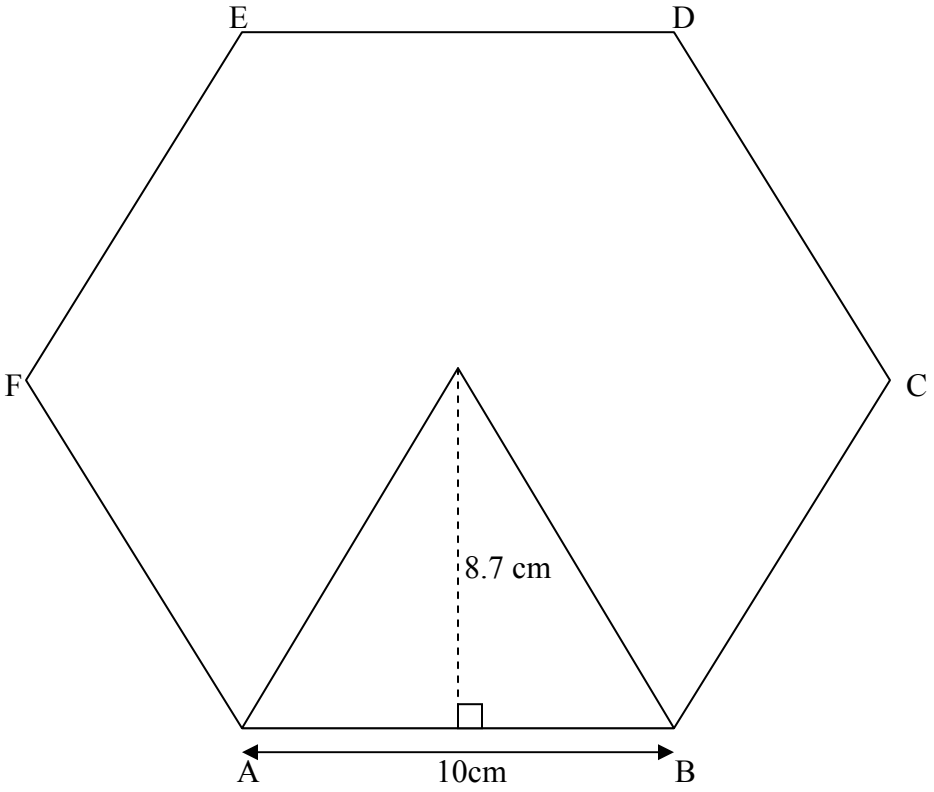

Figure 7

= _____

8. Find the area of the shape in Figure 8.

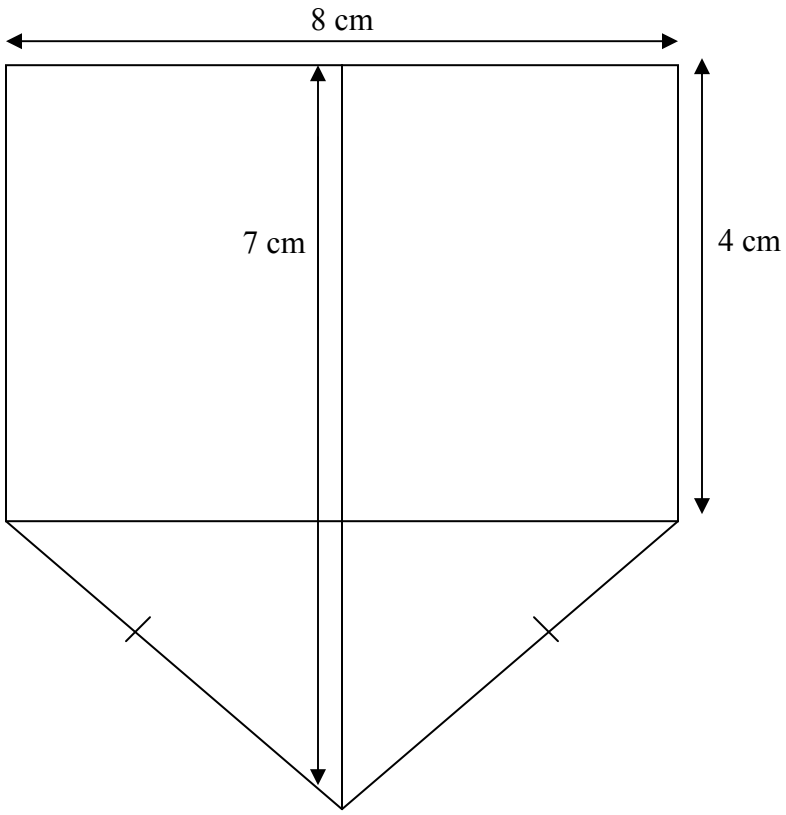

Figure 8

= _____

9. What is the area of half a circle of radius 14 cm? (Use $\pi = {}^{22}/_{7}$)

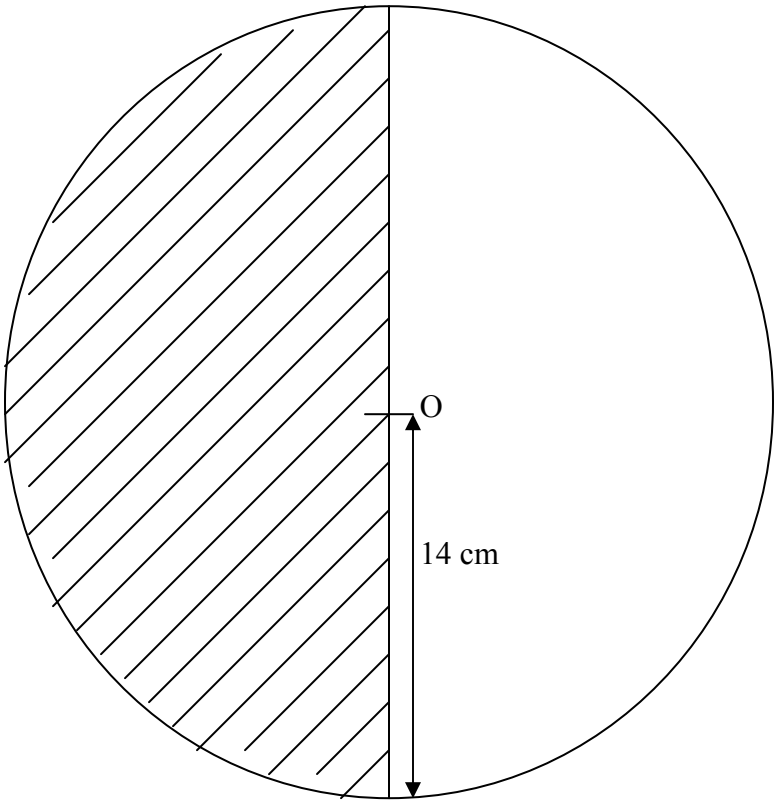

Figure 9

= _____

10. The circle in Figure 10 has a radius of 7 cm. What is the area of the shaded part? ($\pi = {}^{22}/_{7}$)

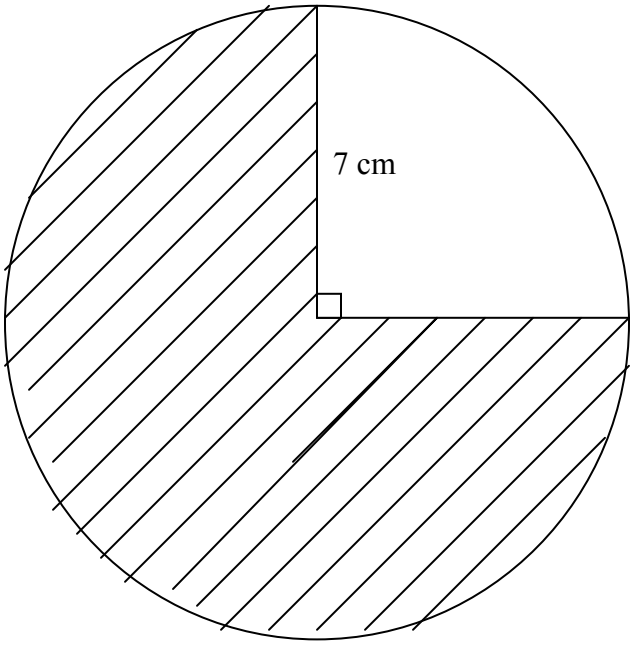

Figure 10

= _____

11. Calculate the area of the semicircle with radius 14 cm in Figure 11. ($\pi = {}^{22}/_{7}$)

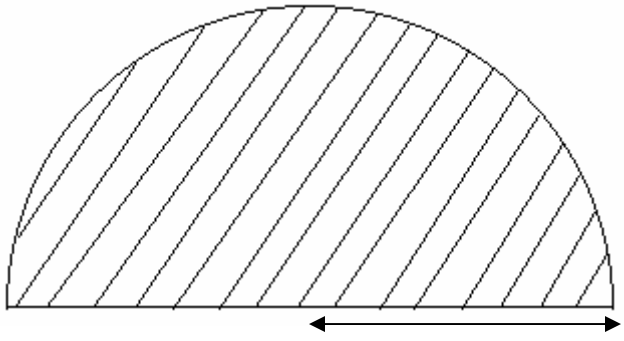

Figure 11

= _____ cm ²

12. Figure 12 shows 2 quarter circle with centre O, radius 14 cm. What is its area?
(Area of circle = πr^2 , $\pi = {}^{22}/_{7}$)

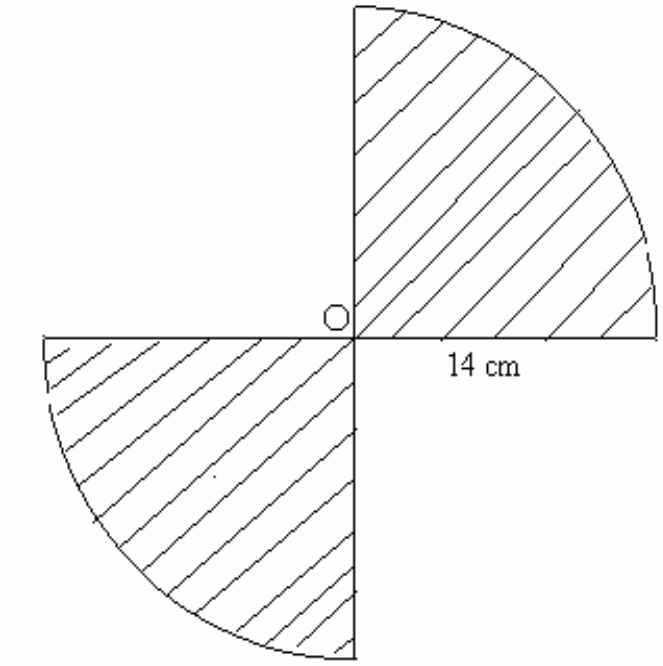

Figure 12

= _____

13. Figure 13 is made up of a quadrant and a triangle. What is the area of the whole figure? ($\pi = {}^{22}/_{7}$)

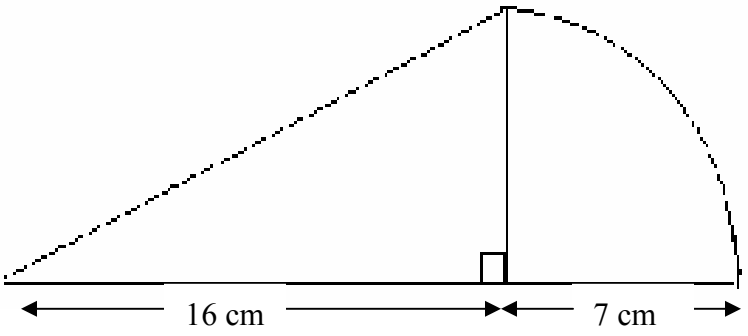

Figure 13

= _____ cm²

14. Find the area of the shaded portion. ($\pi = {}^{22}/_{7}$)

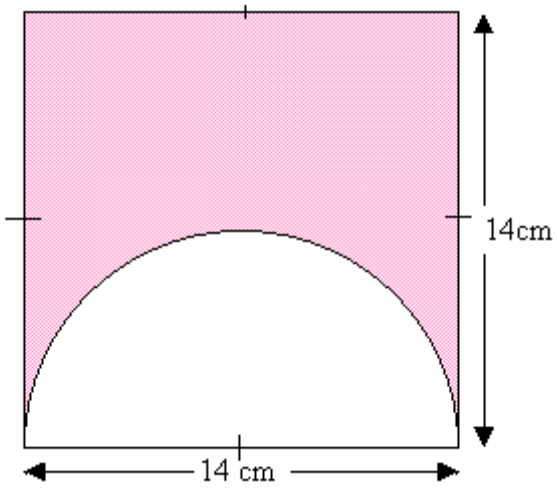

Figure 14

= _____ cm²

15. The figure below shows a pond with a diameter of 14 m. The pond is surrounded by a flower bed 7 m wide. Find the area of the flower bed.
(Area of circle = πr^2, $\pi = {}^{22}/_{7}$)

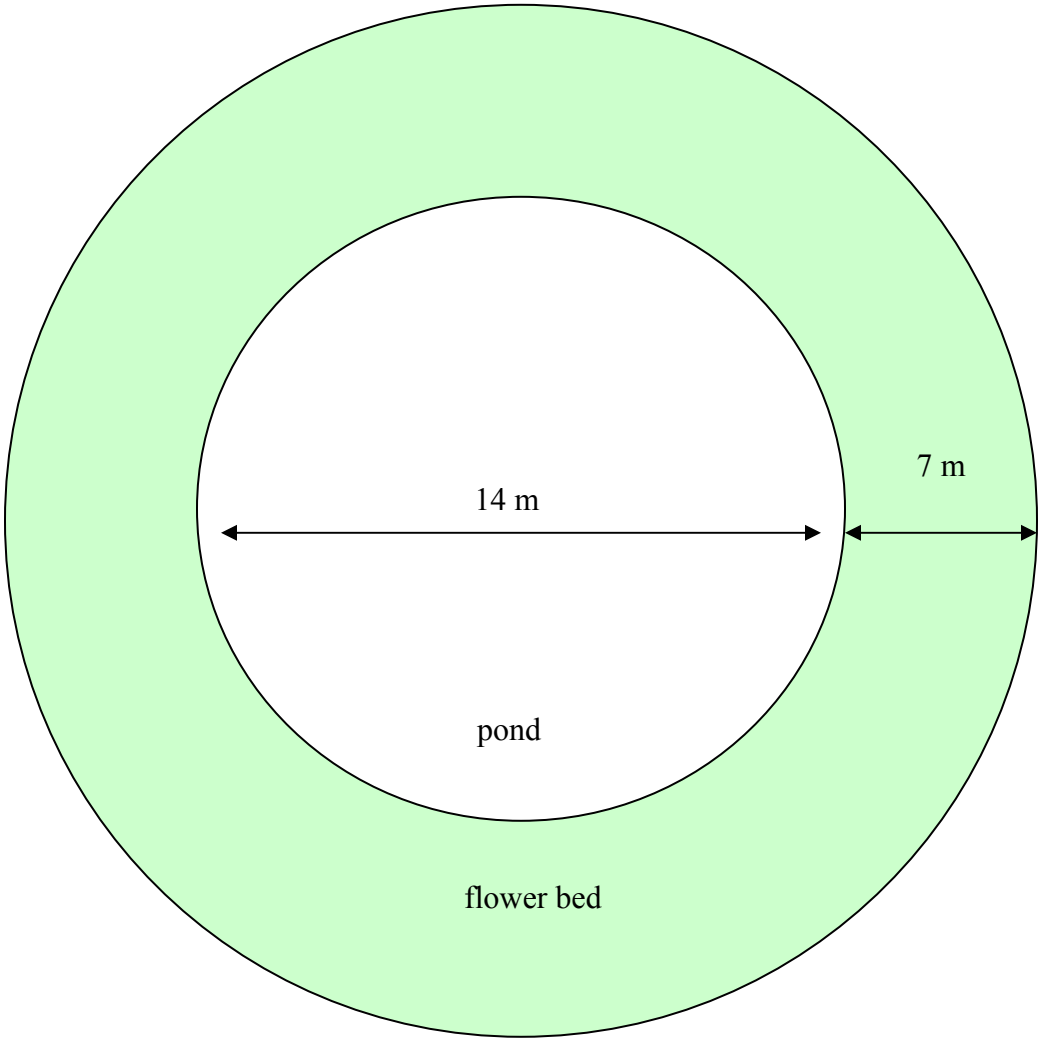

Figure 15

= _____ m²