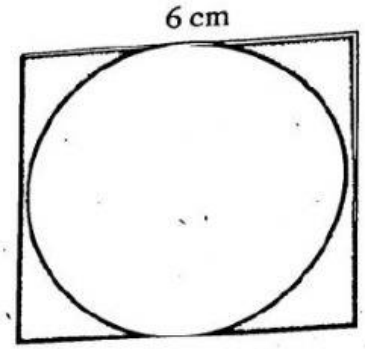
11.



NOT TO SCALE

A square has sides of 6 cm. A circle is placed in the square as shown in the diagram above.

(a) State the length of the radius of the circle.

Answer: _____ cm [1]

(b) Determine the area of the circle using $\pi = 3.14$.

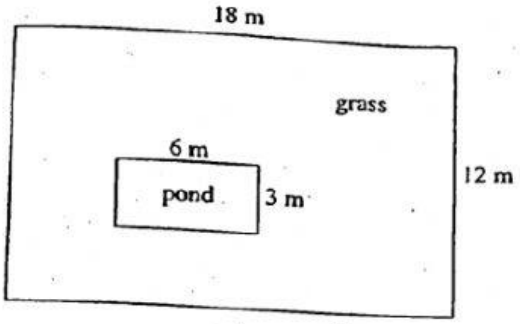
Answer: _____ cm^2 [3

(c) Find the area of the shaded region.

Answer: _____ cm^2 [

LIVEWORKSHEETS

20. The diagram shows a garden with a pond in it surrounded by grass.



Calculate

(a) the length of fencing needed to go completely around the pond.

Answer: _____ m [2]

(b) the area of the pond.

Answer: _____ m^2 [2]

(c) the area of the grassy region.

Answer: _____ m^2 [2]

LIVEWORKSHEETS