Brilliance Tuition Centre, Redbank Plains

Find the area of the shaded region correct to 2 decimal places.
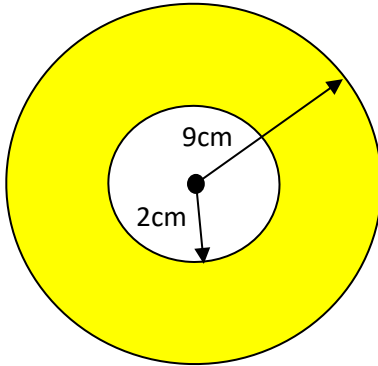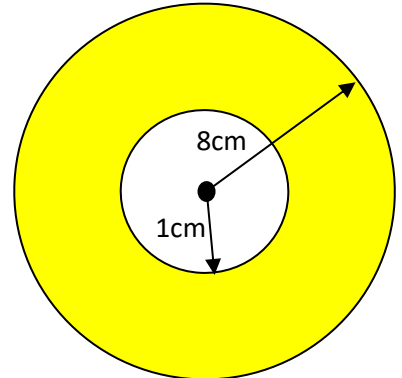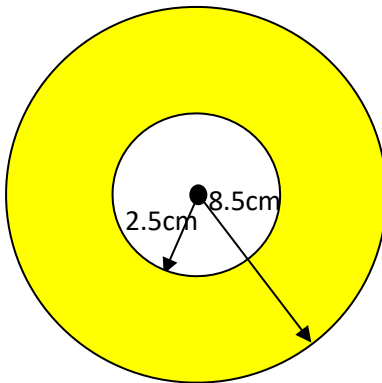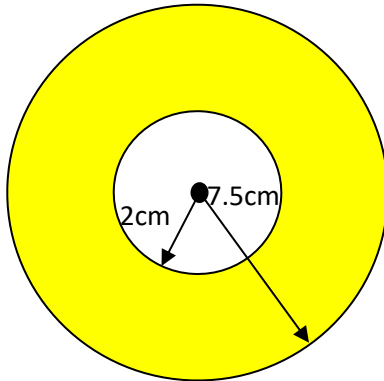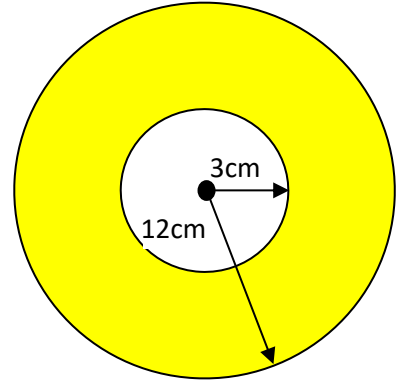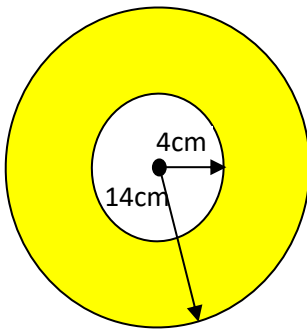
1. 9cm 2cm Answer:	2. 12cm 2.5cm Answer:	3. 8cm 1cm Answer:
4. 8.5cm 2.5cm Answer:	5. 7.5cm 2cm Answer:	6. 3cm 12cm Answer:
7. 4cm 14cm Answer:	8. 2.8cm 13.5cm Answer:	9. 4cm 15cm Answer:

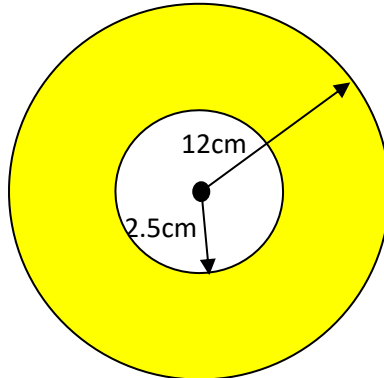## MATHS WORKSHEETS- AREA OF THE SHADED REGION IN CONCENTRIC CIRCLE- ANNULUS.

Answer Key:

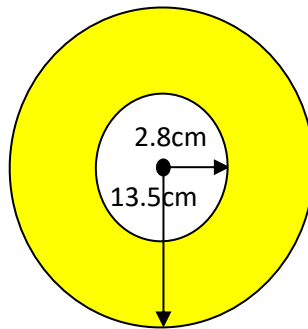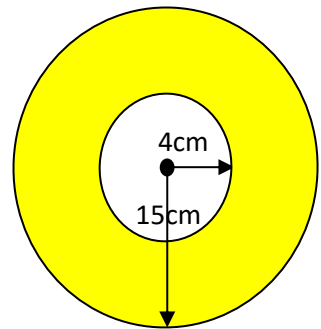Area of the shaded region = Area of outer circle - Area of inner circle

$$= \pi R^2 - \pi r^2$$
$$= \pi (R^2 - r^2)$$
$$= 3.14(R^2 - r^2) \text{ sq. units}$$

1. 241.78 cm^2
2. 432.53 cm^2
3. 197.82 cm^2
4. 207.24 cm^2
5. 164.07 cm^2
6. 423.90 cm^2
7. 565.20 cm^2
8. 547.65 cm^2
9. 656.26 cm^2