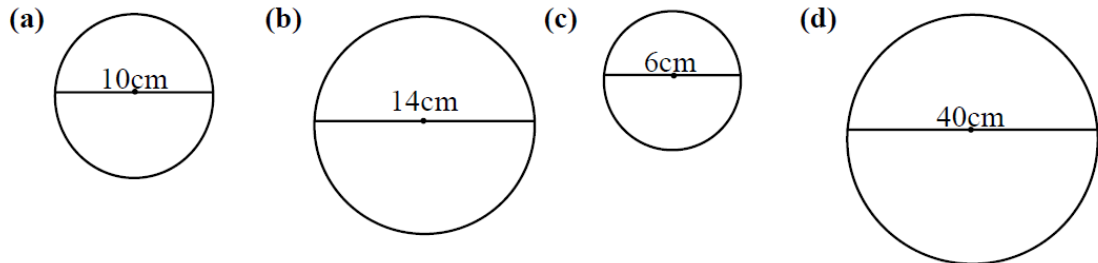


# Circle

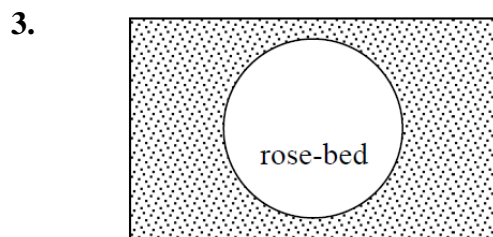
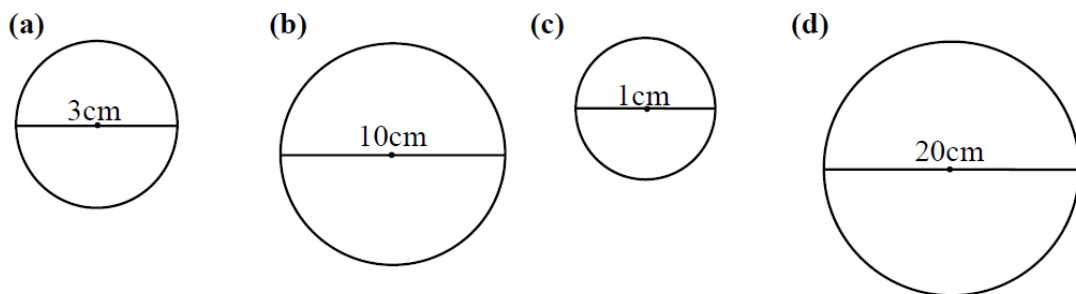
## S1-S3, National 4

**Use  $\pi = 3.14$  in all questions**

1. Calculate the circumference of the circles below:



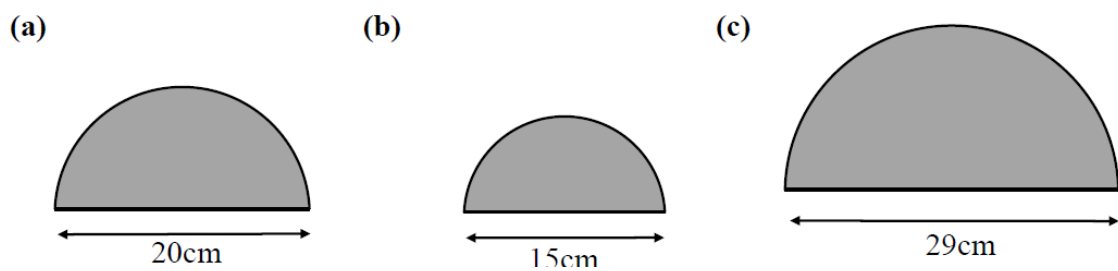
2. Calculate the area of the circles below :



Simon is cutting a circular area from his lawn to plant a rose-bed.

If the diameter of the rose-bed is 1m, what area of lawn will he need to remove?

4. Calculate the area of each semi-circle below.



5. Calculate the **circumference** and the **area** of each circle below.

