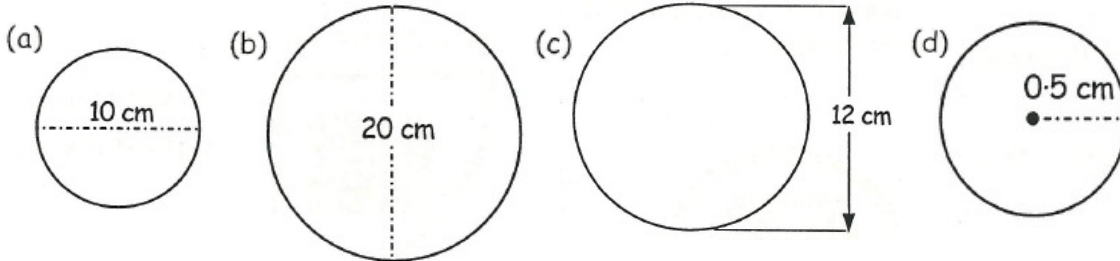



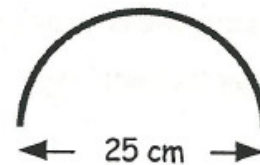


1. Calculate the circumference of each circle below:-

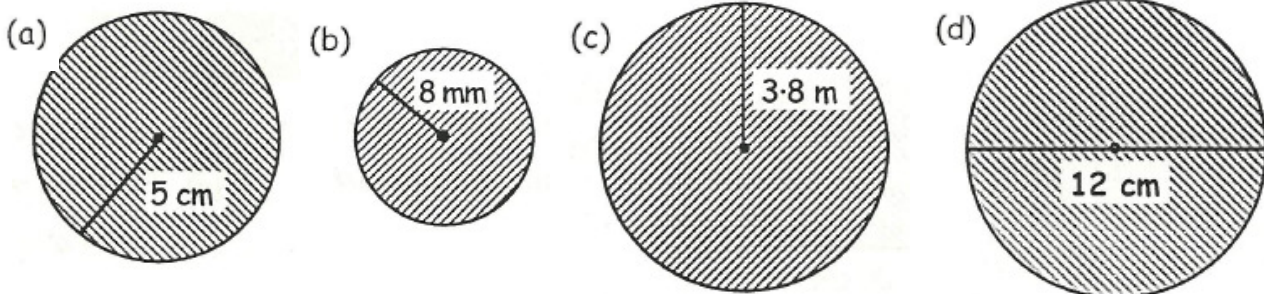



2.  This motorway sign has a diameter of 62 centimetres. Calculate its circumference.

3. Bert buys a stick of licorice and bends it into the shape of a semi-circle. The diameter of the semi-circle is 25 centimetres. Calculate the length of the licorice stick.

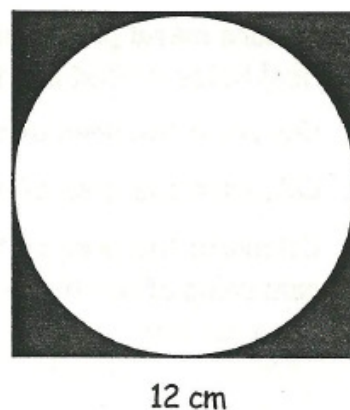


4. For following circles, calculate their areas :-



5.  The radius of this gold medal is 2.1 cm. Calculate the area of the gold face.

6. This circle just fits into this square.
 (a) What is the DIAMETER of the circle?
 (b) Calculate the area of the circle.
 (c) Calculate the area of the big square.
 (d) Now use your answers to (b) and (c) to calculate the shaded area in the figure.



Dalkeith High School - Level 3 - HOMEWORK 11