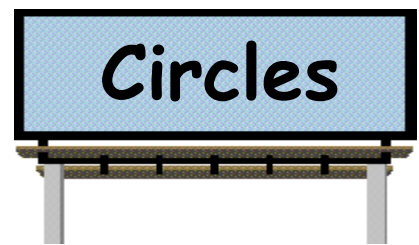


S1 Level 3 Formal Homework
(Show all working!)



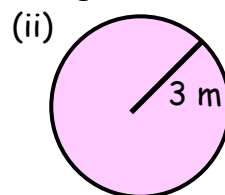
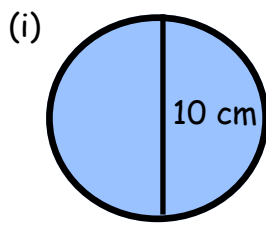
Non Calculator Section: If working is not shown for this section then no marks will be awarded.

1. a) 185.2×40 b) $\frac{4}{5}$ of 750 c) $66\frac{2}{3}\%$ of 210

2. Write the length of the diameter for a circle with radius of length:
(a) 3 cm (b) 7 cm

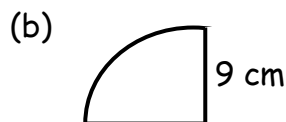
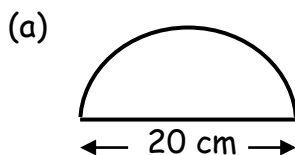
3. Write the length of the radius for a circle with diameter of length:
(a) 12 cm (b) 56 cm

4. Calculate (a) the circumference
(b) the area of the following circles:

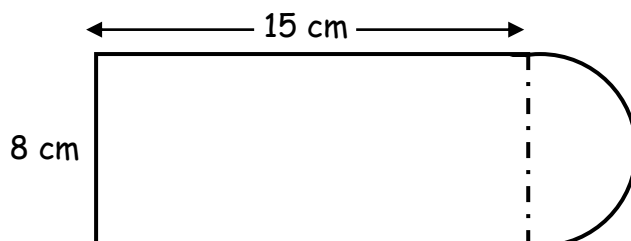


5. If the circumference of a circle is 50.24cm what is its diameter?

6. Calculate the area of the part circles below:



7. Calculate the area of this composite shape.
It is a rectangle with a semi-circle attached.



Revision Section:

8. Solve the equation.
 $10x - 10 = 6x + 50$