

Year 8

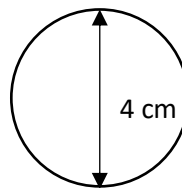
Homework – Week 6

Task:

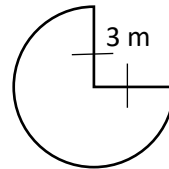
- Complete all questions on a separate piece of paper
 - o Draw a labelled diagram of each problem and show all working out
- Questions are based on content to be taught during the week, and function as daily homework tasks
- To be handed in Monday week 7

Questions:

1. Find the circumference of this circle:

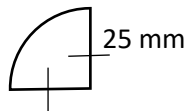


2. Find the perimeter of this shape:



3. A slice of salami has a diameter of 6 cm. Calculate the area to the nearest whole number of cm^2 .

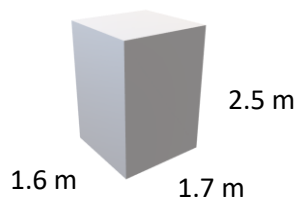
4. Find the area of this shape:



5. Convert the following units:

- 5 cm^3 to mL
- 2 L to m^3

6. Find the volume of the following solid:



7. A shipping container has a volume of 45 m^3 . If the dimensions of the base of the container are 2.5 m by 6 m, find the height of the shipping container.