



Grade 8 - Mathematics

Measurement 5

Activity



1. Calculate the circumference of a circle with a radius of 8cm.

2. Calculate the circumference of a circle with a diameter of 20mm.

3. Complete the following table.

	Radius	Diameter	Circumference
a.	5km		
b.		16cm	
c.	20mm		
d.		3m	

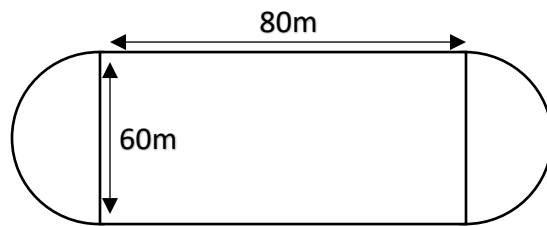
Working:



WorksheetCloud

4. Calculate the circumference of a semi-circle with a radius of 12cm

5. Calculate the perimeter of the following shape:





WorksheetCloud

6. A. Peter wants to build a fence around his circular flower bed. If the diameter of the flower bed is 4m, how much fencing does he need?

- B. Peter can only buy fencing in whole meters. Calculate the cost of fencing around the flower bed if the fencing costs R250 per metre.