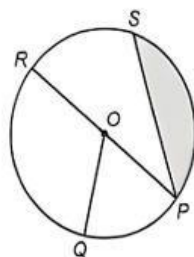


Bahagian A

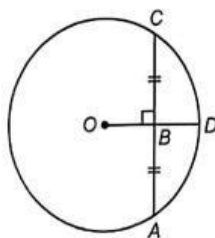
1. Rajah di bawah menunjukkan satu bulatan berpusat O .
The diagram below shows a circle with centre O .



Namakan kawasan berlorek. **SK 5.1 TP1**
Name the shaded region.

- | | |
|------------------------|------------------------|
| A Lengkok
Arc | C Tembereng
Segment |
| B Diameter
Diameter | D Sektor
Sector |

2. Rajah di bawah menunjukkan sebuah bulatan berpusat O .
The diagram below shows a circle with centre O .



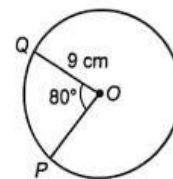
Diberi panjang garis lurus OBD dan ABC masing-masing ialah 20 cm dan 32 cm. Hitung panjang, dalam cm, bagi OB .
Given the lengths of the straight lines OBD and ABC are 20 cm and 32 cm respectively. Calculate the length, in cm, of OB .

- | | |
|------|------|
| A 10 | C 14 |
| B 12 | D 16 |

SK 5.2 TP3

3. Rajah di bawah menunjukkan satu bulatan berpusat O .

The diagram below shows a circle with centre O .



Cari panjang, dalam cm, lengkok major PQ . **SK 5.3 TP2**

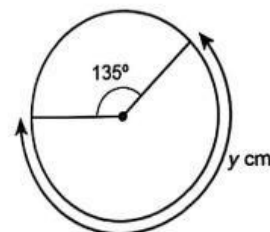
Find the length, in cm, of major arc PQ .

[Guna / Use $\pi = \frac{22}{7}$]

- | | |
|-------------------|-------------------|
| A $12\frac{4}{7}$ | C $50\frac{3}{7}$ |
| B 44 | D 66 |

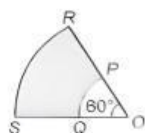
4. Cari nilai bagi y dalam sebutan π jika jejari bagi bulatan dalam rajah di bawah ialah 14 cm. **SK 5.3 TP2**

Find the value of y in terms of π if the radius of the circle in the diagram below is 14 cm.



- | |
|-------------|
| A 7.5π |
| B 10.5π |
| C 16.5π |
| D 17.5π |

5. Dalam rajah di bawah, PQ dan RS ialah lengkok bulatan berpusat O .
In the diagram below, PQ and RS are the arcs of circles with centre O .



Diberi $OR = 21$ cm dan $PR = 2OP$. Hitung luas, dalam cm^2 , sektor yang berlorek.
 Given $OR = 21$ cm and $PR = 2OP$. Calculate the area, in cm^2 , of the shaded region.

[Guna / Use $\pi = \frac{22}{7}$]

SK 5.3 TP 2

- | | | | |
|---|------------------|---|------------------|
| A | $185\frac{1}{3}$ | C | $205\frac{1}{3}$ |
| B | 203 | D | 231 |