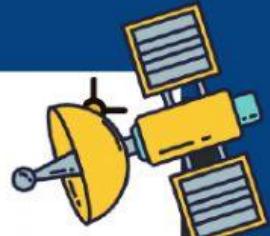


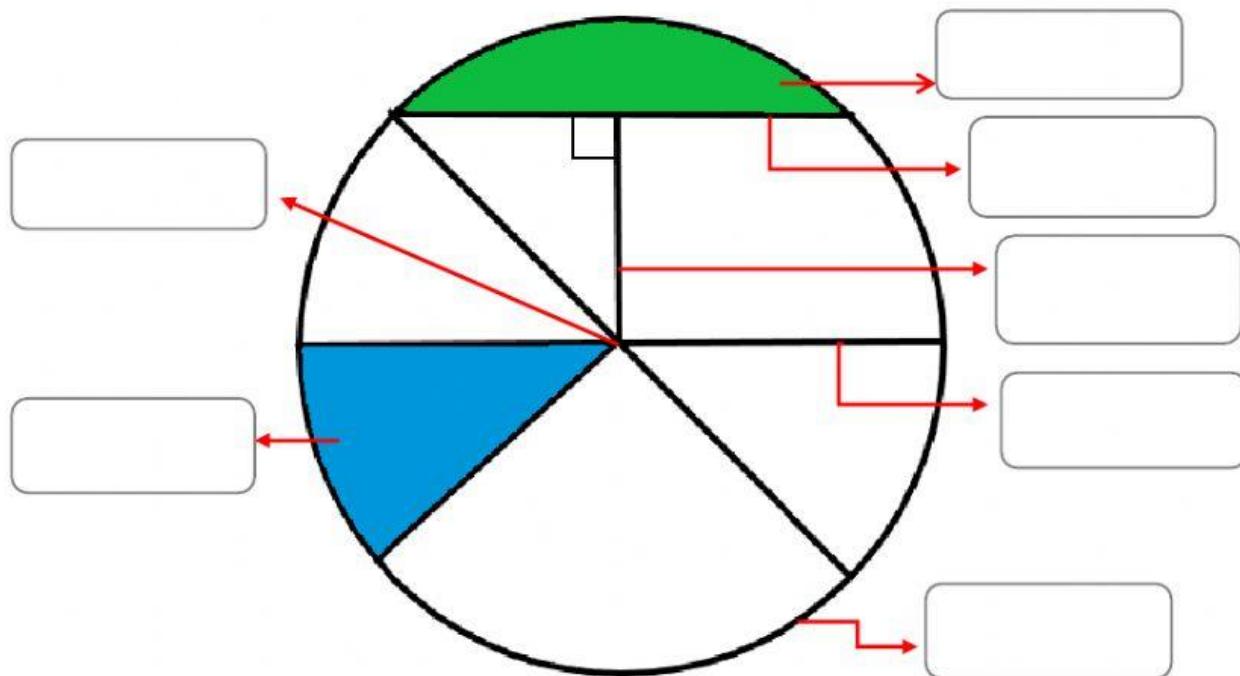
Math

8

UNSUR – UNSUR LINGKARAN



Pasangkanlah teks di bawah ini sesuai dengan bagian lingkaran yang ditunjukkan pada gambar!



JARI-JARI

BUSUR

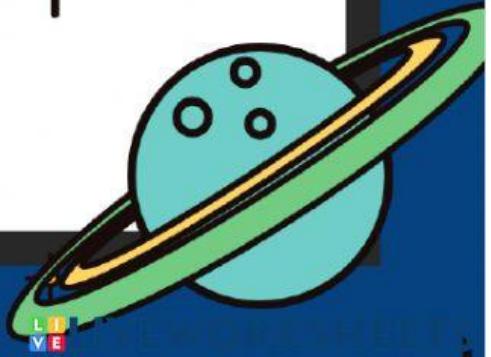
TITIK PUSAT

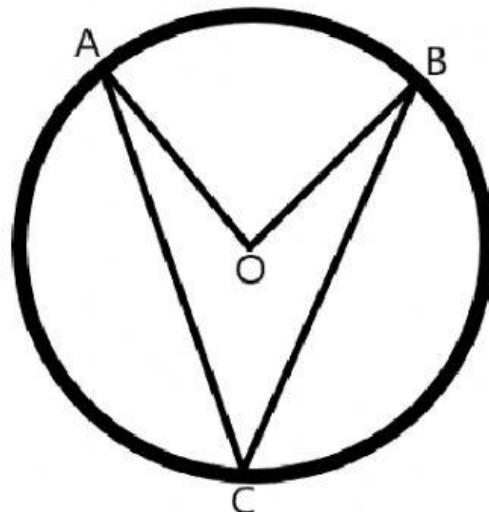
JURING

TAJI BUSUR

APOTEMA

TEMBERENG

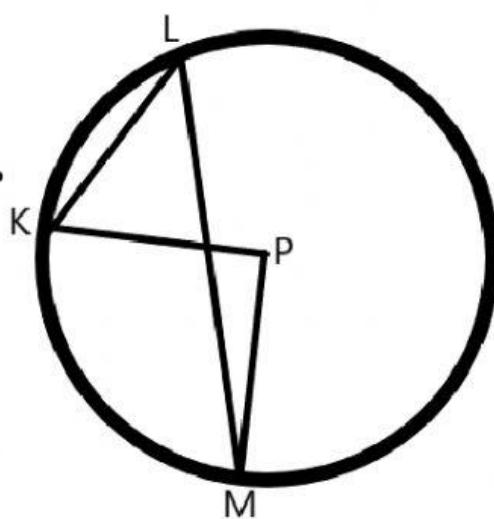




Diketahui pada lingkaran O, terdapat sudut pusat AOB dan sudut keliling ACB. Jika sudut pusat 60° , maka besar sudut keliling adalah°

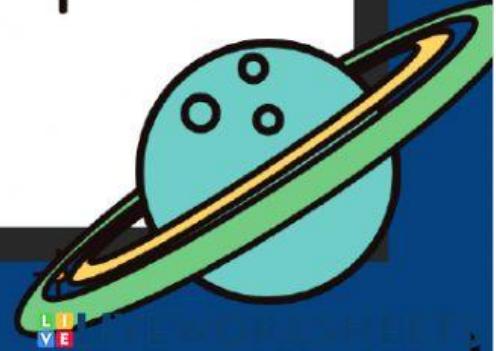
Penyelesaian:

$$\begin{aligned}\text{Sudut keliling} &= \frac{1}{2} \times \text{Sudut Pusat} \\ &= \frac{1}{2} \times \dots \cdot^\circ \\ &= \dots \cdot^\circ\end{aligned}$$



Suatu sudut keliling dan sudut pusat menghadap busur yang sama. Jika sudut pusat keliling berukuran 80° , maka besar sudut pusat adalah°

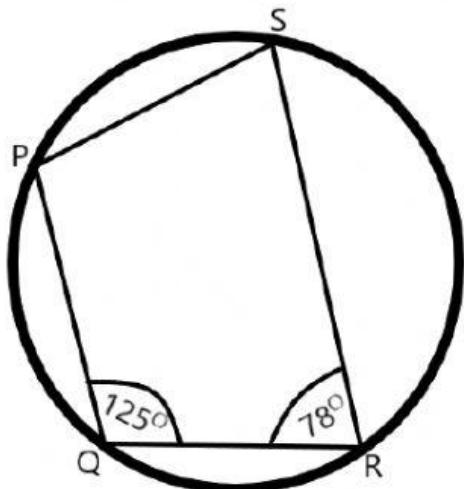
Penyelesaian:



Math

8 Sudut Pusat

$$\begin{aligned}&= 2 \times \text{Sudut Keliling} \\&= 2 \times \dots \text{ }^{\circ} \\&= \dots \text{ }^{\circ}\end{aligned}$$



Perhatikan segiempat PQRS di samping. Diketahui $m\angle PQR = 125^\circ$ dan $m\angle QRS = 78^\circ$, maka tentukan besar $m\angle SPQ$ dan $m\angle RSP$!

Penyelesaian:

$$\begin{aligned}\blacksquare \quad m\angle SPQ &= 180^\circ - \dots \text{ }^{\circ} \\&= \dots \text{ }^{\circ}\end{aligned}$$

$$\begin{aligned}\blacksquare \quad m\angle RSP &= 180^\circ - \dots \text{ }^{\circ} \\&= \dots \text{ }^{\circ}\end{aligned}$$

