

## Tugas

1. \* Uraian sudut dan konversi dari sudut

1. Panjang busur - jari 240 cm

panjang busur = 86 cm.

S. Pusat ?

$$\text{panjang busur} = \frac{\text{Sudut pusat} \times \text{K. lingkaran}}{360^\circ}$$

$$86 = \frac{\text{Sudut pusat} \times 2\pi r}{360^\circ}$$

$$86 = \frac{\text{Sudut pusat} \times 2 \times 3,14 \times 240}{360^\circ}$$

$$\begin{aligned} 86 \times 360^\circ &= \text{Sudut pusat} \times 251,2 \\ &= \frac{(86 \times 360^\circ)}{251,2} \\ &= 123,25^\circ \end{aligned}$$

2.  $60^\circ = \pi \text{ rad}$  } satu phi rad =  $180^\circ$

$$\frac{60}{180} = \frac{1}{3}$$

3.  $\frac{5}{3} \pi \text{ rad} = \dots^\circ$

$$= \frac{5}{3} \times 180$$

$$= 300^\circ$$