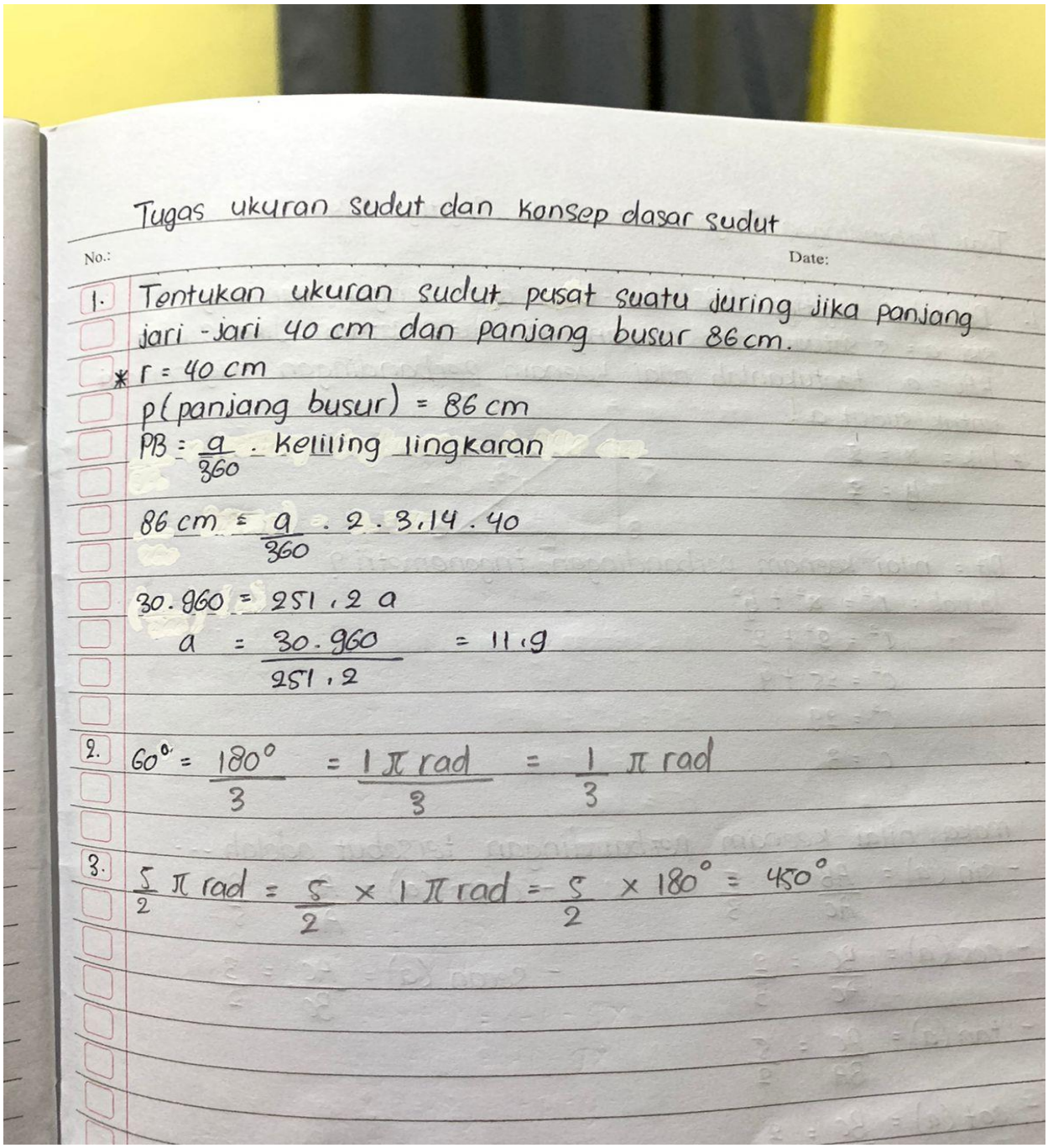
Tugas Ukuran Sudut dan Konsep Dasar Sudut



Tugas ukuran sudut dan konsep dasar sudut

No.: Date:

1. Tentukan ukuran sudut pusat suatu juring jika panjang jari-jari 40 cm dan panjang busur 86 cm.

* r = 40 cm

p (panjang busur) = 86 cm

PB = $\frac{a}{360}$. keliling lingkaran

86 cm = $\frac{a}{360}$. 2 . 3,14 . 40

30.960 = 251,2 a

$a = \frac{30.960}{251,2} = 11,9$

2. $60^\circ = \frac{180^\circ}{3} = \frac{1\pi \text{ rad}}{3} = \frac{1}{3}\pi \text{ rad}$

3. $\frac{5}{2}\pi \text{ rad} = \frac{5}{2} \times 1\pi \text{ rad} = \frac{5}{2} \times 180^\circ = 450^\circ$