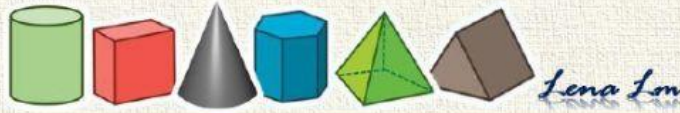




MATEMATIKA KELAS 6

Volume Bangun Ruang



Lena Lora

SD ISLAM AL AZHAR 20 CIBUBUR

Tulislah identitasmu dengan jelas!

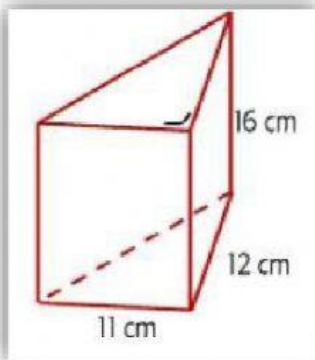
No. Absen:

Nama Lengkap:

Kelas :

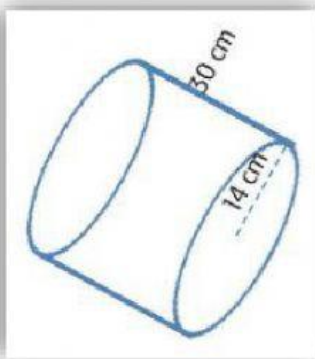
A. Hitunglah volume bangun ruang berikut ini!

1.



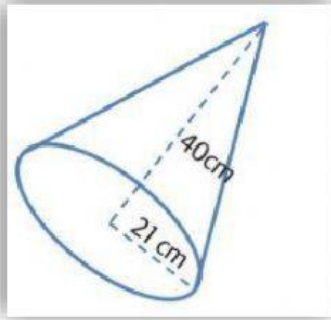
$$\begin{aligned}
 V &= \frac{a \times t}{2} \times l \\
 &= \frac{11 \text{ cm} \times 12 \text{ cm}}{2} \times 16 \text{ cm} \\
 &= 66 \text{ cm}^2 \times 16 \text{ cm} = 1056 \text{ cm}^3
 \end{aligned}$$

2.



$$\begin{aligned}
 V &= \pi \times r^2 \times t = \pi \times r \times r \times t \\
 &= 3.14 \times 14 \text{ cm} \times 14 \text{ cm} \times 30 \text{ cm} \\
 &\quad \text{Sederhanakan silang!} \\
 &= 22 \times 14 \text{ cm} \times 14 \text{ cm} \times 30 \text{ cm} \\
 &= 22 \times 196 \text{ cm}^2 \times 30 \text{ cm} \\
 &= 4312 \text{ cm}^2 \times 30 \text{ cm} \\
 &= 129360 \text{ cm}^3
 \end{aligned}$$

3.



$$V = \frac{1}{3} \times \pi \times r^2 \times t$$

$$= \frac{1}{3} \times \text{---} \times \text{cm} \times \text{cm} \times \text{cm}$$

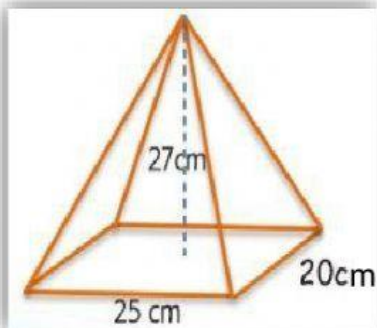
Sederhanakan silang!

$$= 22 \times \text{cm}^2 \times 40 \text{ cm}$$

$$= \text{cm}^2 \times \text{cm}$$

$$= \text{cm}^3$$

4.



$$V = \frac{1}{3} \times p \times l \times t$$

$$= \frac{1}{3} \times \text{cm} \times \text{cm} \times \text{cm}$$

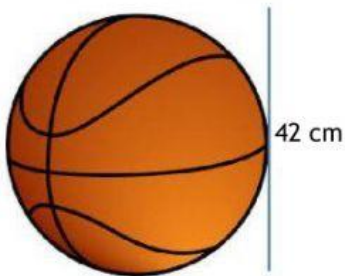
Sederhanakan silang 1/3 dengan ukuran tingginya!

$$= 1 \times 25 \text{ cm} \times 20 \text{ cm} \times \text{cm}$$

$$= \text{cm}^2 \times \text{cm}$$

$$= \text{cm}^3$$

5.



$$V = \frac{4}{3} \times \pi \times r^3$$

$$= \frac{4}{3} \times \text{---} \times \text{cm} \times \text{cm} \times \text{cm}$$

$$= 4 \times 22 \times \text{cm}^3$$

$$= \text{---} \times \text{cm}^3$$

$$= \text{cm}^3$$

Ahamdulillah