

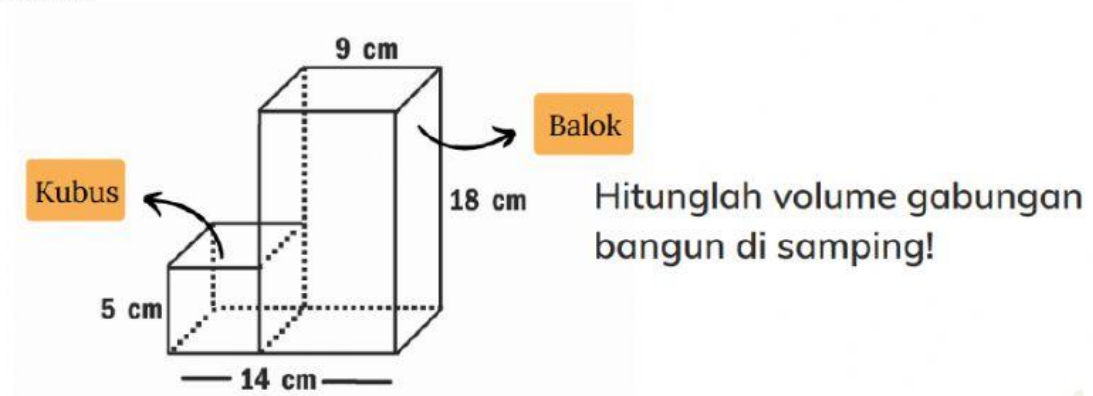
TUGAS PERTEMUAN 48

VOLUME GABUNGAN KUBUS DAN BALOK

NAMA :

KELAS :

A. Materi



Hitunglah satu per satu volume bangun ruang tersebut!

Kubus

Dik : $s = 5 \text{ cm}$

Dit : $v = \dots$

$$\begin{aligned}\text{Jwb : } v &= s \times s \times s \\ &= 5 \times 5 \times 5 \\ &= 125 \text{ cm}^3\end{aligned}$$

Balok

Dik : $p = 18, l = 5, t = 9 \text{ cm}$

Dit : $v = \dots$

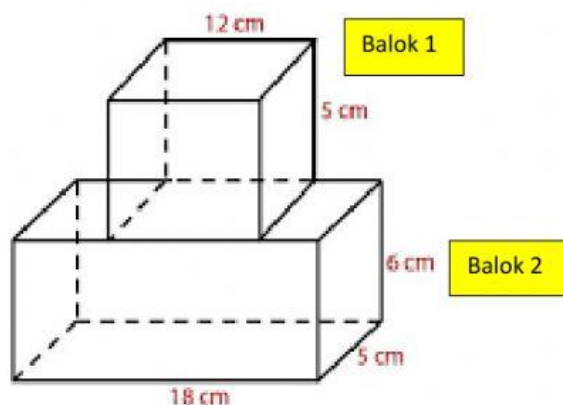
$$\begin{aligned}\text{Jwb : } v &= p \times l \times t \\ &= 18 \times 5 \times 9 \\ &= 810 \text{ cm}^3\end{aligned}$$

Gabungkan 2 volume tersebut!

$$V \text{ gabungan} = V 1 + V 2$$

$$\begin{aligned}V \text{ gabungan} &= 125 + 810 \\ &= 935 \text{ cm}^3\end{aligned}$$

B. Latihan Soal!



Balok 1

Dik : p = , l = , t = cm

Dit : v = ...

$$\begin{aligned} \text{Jwb : } v &= \text{} \times \text{} \times \text{} \\ &= \text{} \times \text{} \times \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$

Balok 2

Dik : p = , l = , t = cm

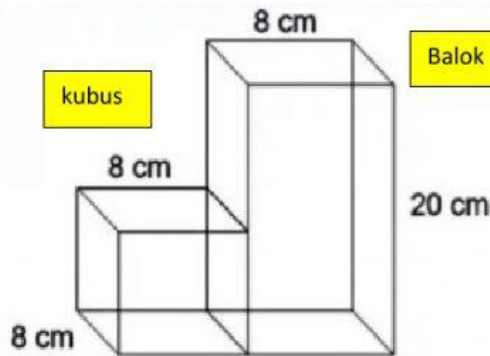
Dit : v = ...

$$\begin{aligned} \text{Jwb : } v &= \text{} \times \text{} \times \text{} \\ &= \text{} \times \text{} \times \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$

V. Gabungan

$$V \text{ gabungan} = V 1 + V 2$$

$$\begin{aligned} V \text{ gabungan} &= \text{} + \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$



kubus

Dik : s = cm

Dit : v = ...

$$\begin{aligned} \text{Jwb : } v &= \text{} \times \text{} \times \text{} \\ &= \text{} \times \text{} \times \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$

Balok

Dik : p = , l = , t = cm

Dit : v = ...

$$\begin{aligned} \text{Jwb : } v &= \text{} \times \text{} \times \text{} \\ &= \text{} \times \text{} \times \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$

V. Gabungan

$$V \text{ gabungan} = V 1 + V 2$$

$$\begin{aligned} V \text{ gabungan} &= \text{} + \text{} \\ &= \text{} \text{ cm}^3 \end{aligned}$$