

KELAS VI MATEMATIKA

VOLUME GABUNGAN BANGUN RUANG

NAMA :

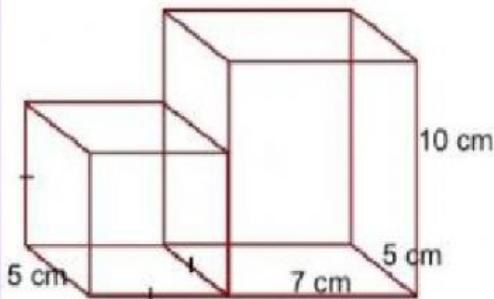
VOLUME GABUNGAN BALOK & KUBUS

KEGIATAN 1

Untuk lebih bisa memahami materi, perhatikan dan dengarkan video
Volume Gabungan Bangun Ruang

KEGIATAN 2

Hitunglah volume bangun ruang gabungan berikut ini!



Dik : $s = \boxed{\quad}$ cm

$p = \boxed{\quad}$ cm $\ell = \boxed{\quad}$ cm $t = \boxed{\quad}$ cm

Dit : Volume gabungan kubus dan balok ?

Jawaban :

$$V_{\text{kubus}} = \boxed{\quad} \times \boxed{\quad} \times \boxed{\quad}$$

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

$$V_{\text{balok}} = \boxed{\quad} \times \boxed{\quad} \times \boxed{\quad}$$

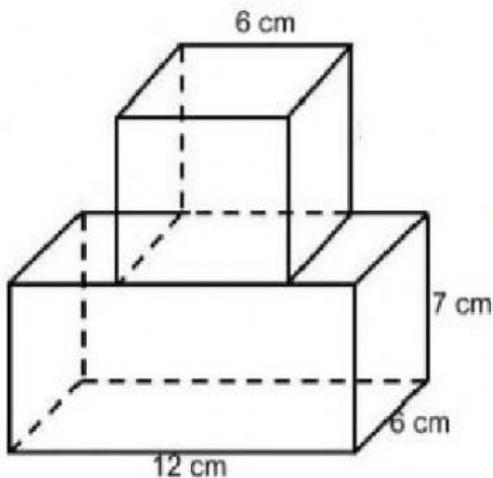
$$= \boxed{\quad} \text{ cm}^3$$

$$V_{\text{gabungan}} = V_{\text{kubus}} + V_{\text{balok}}$$

$$= \boxed{\quad} \text{ cm}^3 + \boxed{\quad} \text{ cm}^3$$

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

Hitunglah volume bangun ruang gabungan berikut ini!



Dik : $s = \boxed{\quad}$ cm

$p = \boxed{\quad}$ cm $\ell = \boxed{\quad}$ cm $t = \boxed{\quad}$ cm

Dit : Volume gabungan kubus dan balok ?

Jawaban :

$$V_{\text{kubus}} = \boxed{\quad} \times \boxed{\quad} \times \boxed{\quad}$$

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

$$V_{\text{balok}} = \boxed{\quad} \times \boxed{\quad} \times \boxed{\quad}$$

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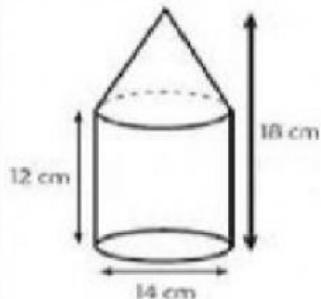
$$V_{\text{gabungan}} = V_{\text{kubus}} + V_{\text{balok}}$$

$$= \boxed{\quad} \text{ cm}^3 + \boxed{\quad} \text{ cm}^3$$

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

KEGIATAN 3

Setelah kamu menonton video pembelajaran tadi, mari kita kerjakan soal berikut!



Dik : $\pi =$
 $D =$
 $r =$

t. Tabung =
t. Kerucut =

Dit : Volume gabungan tabung dan kerucut?

Jawab:

$$\text{Volume Tabung} = \pi r^2 t$$

$$= \frac{22}{7} \times \boxed{} \times \boxed{} \times \boxed{}$$
$$= \boxed{} \times \boxed{} \times \boxed{}$$
$$= \boxed{} \text{ cm}^3$$

$$\text{Volume Kerucut} = \frac{1}{3} \times \pi r^2 t$$

$$= \frac{1}{3} \times \frac{22}{7} \times \boxed{} \times \boxed{} \times \boxed{}$$
$$= \boxed{} \times \boxed{} \times \boxed{}$$
$$= \boxed{} \text{ cm}^3$$

$$\text{Volume Gabungan} = V. \text{ Tabung} + V. \text{ Kerucut}$$

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