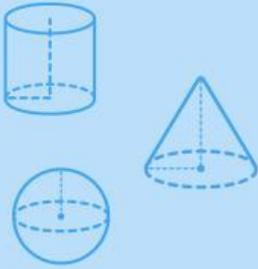


MATEMATIKA

Luas Permukaan dan Volume



BANGUN RUANG SISI LENGKUNG

BOLA



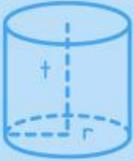
Diketahui:
 $r = 7 \text{ cm}$

Tentukan Luas
Permukaan Bola =

$$L = 4\pi r^2$$

$$L = \quad \text{cm}^2$$

TABUNG



Diketahui:
 $r = 7 \text{ cm}$
 $t = 14 \text{ cm}$

Tentukan Luas
Permukaan Tabung =

$$L = 2\pi r^2 + 2\pi r t$$

$$L = \quad \text{cm}^2$$

KERUCUT



Diketahui:
 $r = 7 \text{ cm}$
 $s = 25 \text{ cm}$

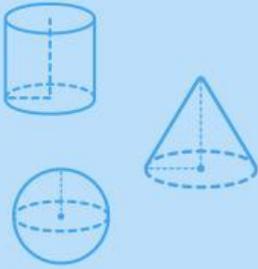
Tentukan Luas
Permukaan Kerucut =

$$L = \pi r^2 + \pi r s$$

$$L = \quad \text{cm}^2$$

MATEMATIKA

Luas Permukaan dan Volume



BANGUN RUANG SISI LENGKUNG

BOLA



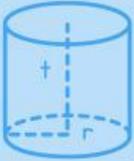
Diketahui:
 $r = 21$

Tentukan Volume
bola =

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

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

TABUNG



Diketahui:
 $r = 7 \text{ cm}$
 $t = 10 \text{ cm}$

Tentukan Volume
Tabung =

$$V = \pi r^2 t$$

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

KERUCUT



Diketahui:
 $r = 7 \text{ cm}$
 $t = 12 \text{ cm}$

Tentukan Volume
Kerucut =

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

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