

LATIHAN MATEMATIK T2

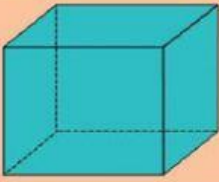
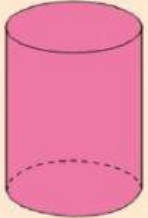
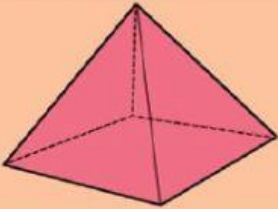
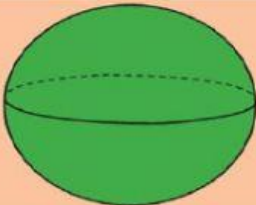
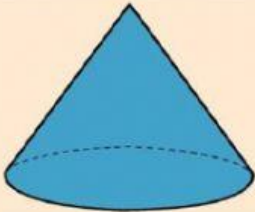
BAB 6: BENTUK GEOMETRI TIGA DIMENSI

Nama: _____

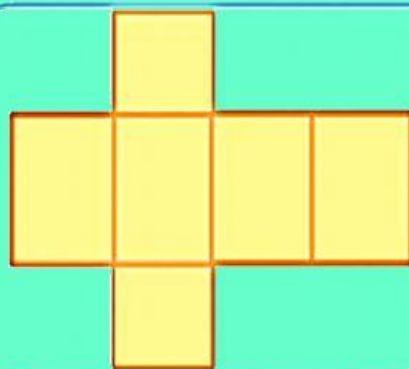
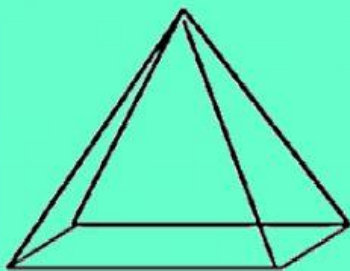
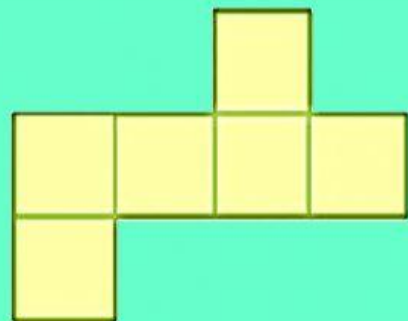
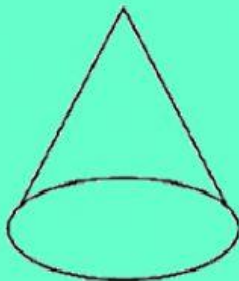
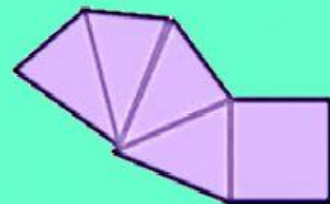
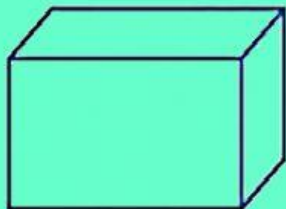
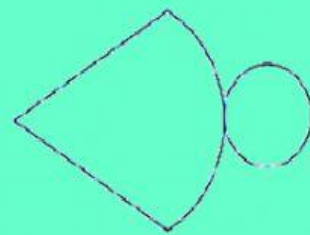
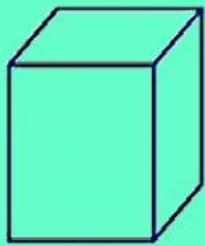
Kelas: _____

ARAHAN: Pilih jawapan yang tepat pada ruangan yang disediakan.

Ciri-ciri dan Sifat 3D

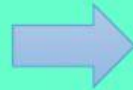
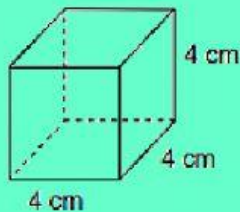
Bentuk	Nama Bentuk	Permukaan Rata	Permukaan Lengkung	Sisi Lurus	Bucu
	Kubus	6	0		8
		2		0	0
			0	8	5
	Kuboid	6	0	12	
		0	1		0
		1		0	1

Padankan bentuk 3 Dimensi dengan bentangnya.



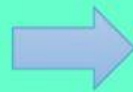
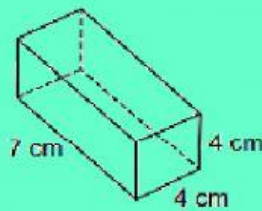
ARAHAN: Hitung luas permukaan geometri berikut dengan memasukkan nilai yang tepat pada kotak jawapan yang disediakan.

(a)



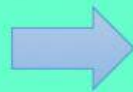
(a) Luas permukaan kubus
 $= 6 \times \text{luas segi empat sama}$
 $= 6 \times (\square \text{ cm} \times \square \text{ cm})$
 $= 6 \times 16 \text{ cm}^2$
 $= \square \text{ cm}^2$

(b)



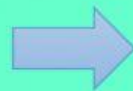
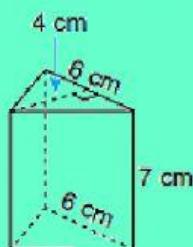
(b) Luas permukaan kuboid
 $= (4 \times \text{luas segi empat tepat}) + (2 \times \text{luas segi empat sama})$
 $= (4 \times \square \text{ cm} \times 7 \text{ cm}) + (2 \times 4 \text{ cm} \times \square \text{ cm})$
 $= (4 \times 28 \text{ cm}^2) + (2 \times \square \text{ cm}^2)$
 $= \square \text{ cm}^2$

(c)



(c) Luas permukaan piramid
 $= (4 \times \text{luas segi tiga}) + (\text{luas segi empat sama})$
 $= 4 \left(\frac{1}{2} \times 8 \text{ cm} \times \square \text{ cm} \right) + (\square \text{ cm} \times 8 \text{ cm})$
 $= 80 \text{ cm}^2 + 64 \text{ cm}^2$
 $= \square \text{ cm}^2$

(d)



(d) Luas permukaan prisma
 $= (3 \times \text{luas tapak segi empat}) + (2 \times \text{luas segi tiga})$
 $= [(1 \times \square \text{ cm} \times 7 \text{ cm}) + (2 \times 5 \text{ cm} \times \square \text{ cm})] +$
 $2 \left(\frac{1}{2} \times \square \text{ cm} \times 6 \text{ cm} \right)$
 $= 42 \text{ cm}^2 + 70 \text{ cm}^2 + 24 \text{ cm}^2$
 $= \square \text{ cm}^2$