



# LKPD MATEMATIKA

**BANGUN RUANG**

**UNTUK SISWA KELAS 6 SD**



# RUMUS VOLUME & LUAS BANGUN RUANG

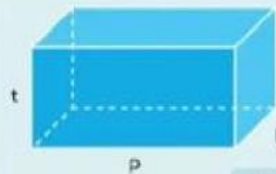
## KUBUS



Sisi = 6  
Sudut = 8  
Rusuk = 12

Volume =  $s \times s \times s$   
Luas =  $6 \times (s \times s)$

## BALOK



Sisi = 6  
Sudut = 8  
Rusuk = 12

Volume =  $P \times l \times t$   
Luas =  $6 \times (pl + lt + pt)$

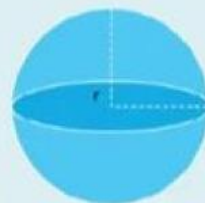
## LIMAS SEGITIGA



Sisi = 4  
Sudut = 4  
Rusuk = 6

Volume =  $\frac{1}{3} \times \text{luas alas} \times T$   
 $= \frac{1}{3} \times (\frac{1}{2} \times a \times t) \times T$   
Luas = Jumlah 4 sisi  
 $= LS1 + LS2 + LS3 + LS4$

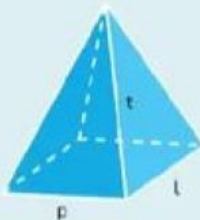
## BOLA



Sisi = 1  
Sudut = 0  
Rusuk = 0

Volume =  $\frac{4}{3} \times \text{phi} \times r^3$   
Luas =  $4 \times \text{phi} \times r^2$

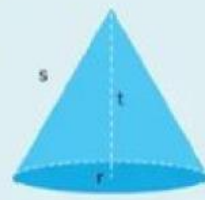
## LIMAS SEGIEMPAT



Sisi = 5  
Sudut = 5  
Rusuk = 8

Volume =  $\frac{1}{3} \times \text{phi} \times l \times t$   
Luas = Jumlah 5 sisi  
 $= LS1 + LS2 + LS3 + LS4 + LS5$

## KERUCUT



Sisi = 2  
Sudut = 1  
Rusuk = 1

Volume =  $\frac{1}{2} \times \text{phi} \times r^2 \times t$   
Luas =  $(\text{phi} \times r^2) + \text{phi} \times r \times s$

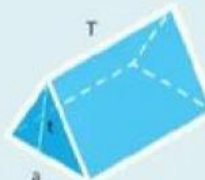
## TABUNG



Sisi = 3  
Sudut = 0  
Rusuk = 2

Volume =  $\text{phi} \times r \times t$   
Luas =  $(2 \times \text{phi} \times r \times t) + (2 \times \text{phi} \times r^2)$

## PRISMA SEGITIGA



Sisi = 5  
Sudut = 6  
Rusuk = 9

Volume = luas alas  $\times t$   
 $= (\frac{1}{2} \times a \times t) \times T$   
Luas = (keliling segitiga  $\times T$ )  
 $+ (2 \times \text{luas segitiga})$

Nama:

Kelas:

# Mengenal Bangun Ruang

Terdapat benda-benda dengan berbagai bentuk bangun ruang pada gambar di bawah ini. Tulislah nama bangun ruang yang sesuai dengan benda tersebut!

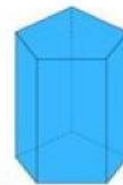
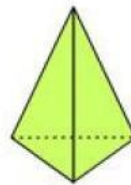
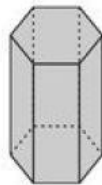
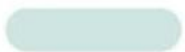
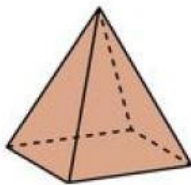
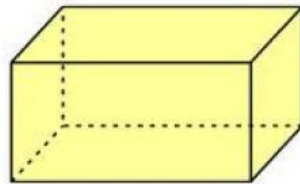
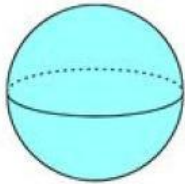
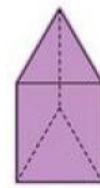
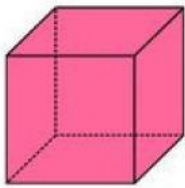


Nama :

Tanggal :

## Bangun Ruang

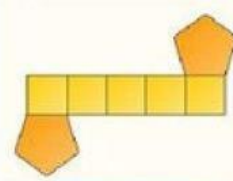
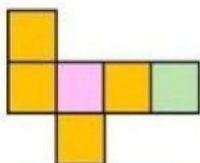
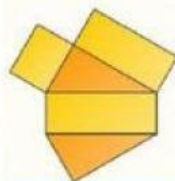
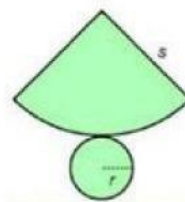
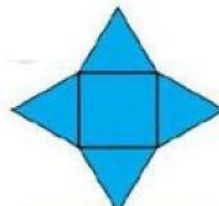
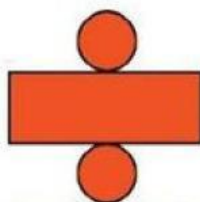
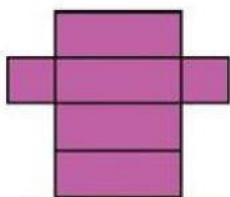
Berilah nama bangun ruang dibawah ini!



Nama :

Kelas :

Tentukan nama bangun ruang sesuai dengan jaring-jaring berikut.



Jodohkan ciri-ciri bangun ruang dengan menarik garis.

- Tidak memiliki titik sudut •
- Memiliki 5 sisi •
- Memiliki 1 titik puncak •
- Memiliki 12 diagonal sisi •
- Memiliki 9 rusuk •
- Hanya memiliki 1 sisi •

- Prisma segi-3
- Kerucut
- Bola
- Tabung
- Limas segi-4
- Balok