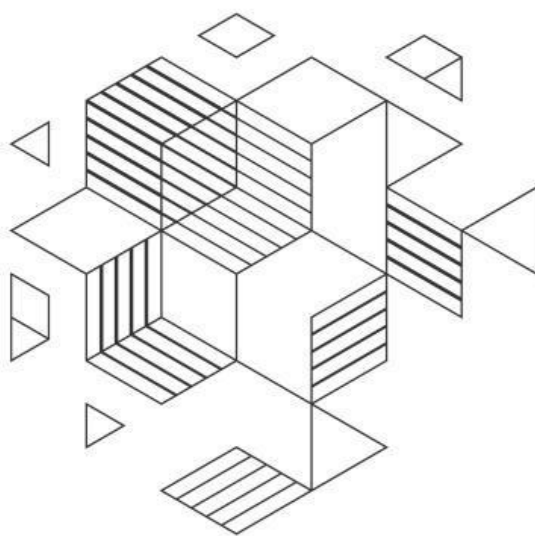




Student Worksheet  
**Mathematics**

Luas Permukaan  
Bangun Ruang Sisi Datar



Name of Group Members:

- 1.
- 2.
- 3.
- 4.
- 5.

Junior Highschool



## Learning Outcome

Peserta didik dapat menjelaskan cara untuk menentukan luas permukaan (prisma dan limas) dan menyelesaikan masalah yang terkait

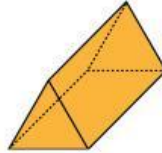
## Learning Objectives

1. Peserta didik dapat menjelaskan rumus luas permukaan bangun ruang (prisma dan limas) melalui analisis masalah kontekstual dengan tepat.
2. Melalui kegiatan diskusi kelompok, peserta didik dapat menghitung luas permukaan bangun ruang (prisma dan limas) dengan tepat.

## Let's See!



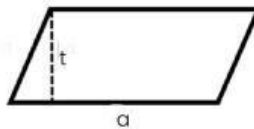
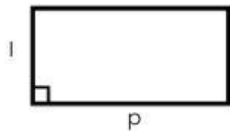
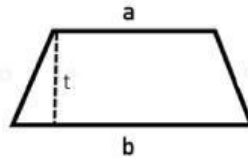
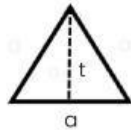
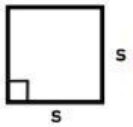
Do you know what is the name of these 3D geometry shape?



## Remember!



Lets remember the area of 2D shapes!



## Definition

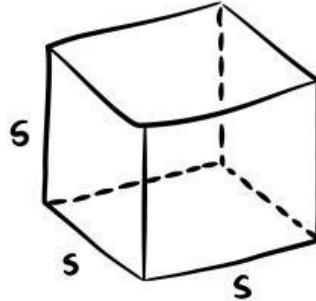
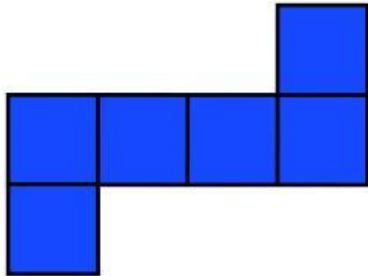


The surface area of a object..... is the sum of all the objects..... that make up the pattern ..... of ..... that cover the object.

## Find the Formula



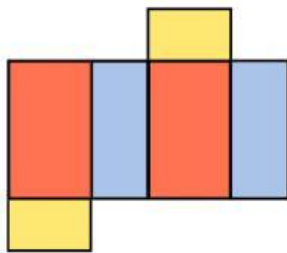
### Rumus Luas Permukaan Kubus



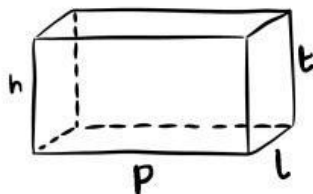
$$= 4 \times \text{rumus luas biru}$$

$$= 4 \times \dots\dots\dots$$

### Rumus Luas Permukaan Balok

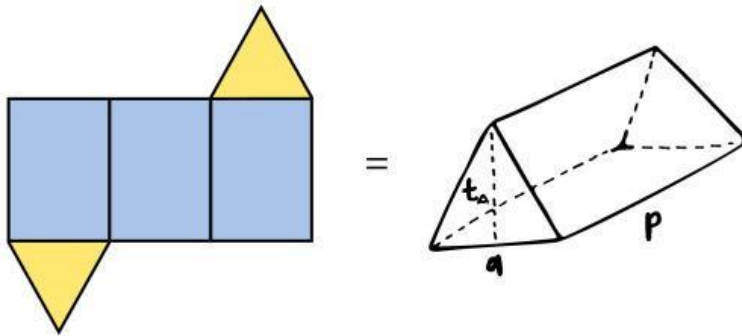


$$= (2 \times \text{r.luas merah}) + (2 \times \text{r.luas biru}) \\ + (2 \times \text{r. luas kuning})$$



$$= (2 \times \dots\dots\dots) + (2 \times \dots\dots\dots) \\ + (2 \times \dots\dots\dots)$$

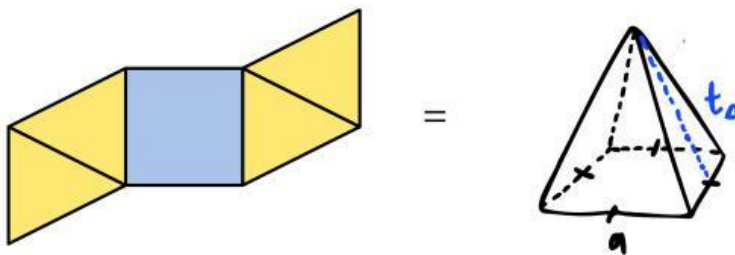
## Rumus Luas Permukaan Prisma segitiga sama sisi



$$= (\dots\dots \times \text{rumus luas biru}) + (\dots\dots \times \text{rumus luas kuning})$$

$$= (\dots\dots \times \dots\dots\dots\dots\dots\dots) + (\dots\dots \times \dots\dots\dots\dots\dots\dots)$$

## Rumus Luas Permukaan Limas segiempat (persegi)



$$= (\dots\dots \times \text{rumus luas kuning}) + (\dots\dots \times \text{rumus luas biru})$$

$$= (\dots\dots \times \dots\dots\dots\dots\dots\dots) + (\dots\dots \times \dots\dots\dots\dots\dots\dots)$$

### Assessment



Do thos assignment after  
do the worksheet



[https://quizizz.com/admin/quiz/6657ef7f8f1a047a74aba86e?source=quiz\\_share](https://quizizz.com/admin/quiz/6657ef7f8f1a047a74aba86e?source=quiz_share)