

# LEMBAR KERJA KEKONGRUENAN

Oleh : Anggraeni Saptia Ariati, S.Pd.

NAMA :

KELAS:

## Bagian 1.

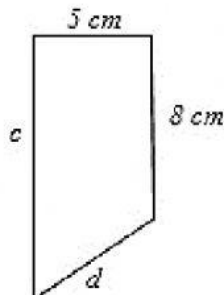
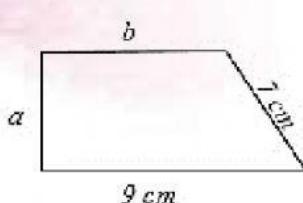
Kliklah dari pernyataan berikut yang menurutmu sesuai!

Syarat Kekongruenan

- |                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| <input type="checkbox"/> | Sudut-sudut yang bersesuaian memiliki perbandingan yang sama       |
| <input type="checkbox"/> | Sisi-sisi yang bersesuaian memiliki panjang yang sama              |
| <input type="checkbox"/> | Syarat segitiga saling kongruen adalah S, Sd, S                    |
| <input type="checkbox"/> | Sudut-sudut yang bersesuaian memiliki besar yang sama              |
| <input type="checkbox"/> | Syarat segitiga saling kongruen adalah Sd, Sd, Sd                  |
| <input type="checkbox"/> | Sisi-sisi yang bersesuaian memiliki perbandingan panjang yang sama |

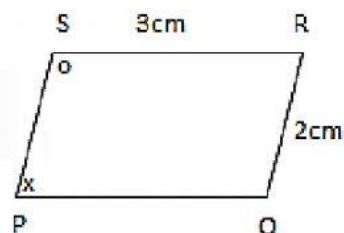
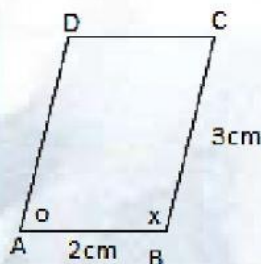
## Bagian 2.

Kliklah pernyataan sisi dan sudut yang tepat pada dua bangun kongruen berikut!



|                          |         |                          |         |
|--------------------------|---------|--------------------------|---------|
| <input type="checkbox"/> | $b = 5$ | <input type="checkbox"/> | $a = 8$ |
|--------------------------|---------|--------------------------|---------|

|                          |         |                          |         |
|--------------------------|---------|--------------------------|---------|
| <input type="checkbox"/> | $d = 7$ | <input type="checkbox"/> | $c = 9$ |
|--------------------------|---------|--------------------------|---------|



|                          |           |                          |                       |
|--------------------------|-----------|--------------------------|-----------------------|
| <input type="checkbox"/> | $AB = SP$ | <input type="checkbox"/> | $\angle D = \angle R$ |
|--------------------------|-----------|--------------------------|-----------------------|

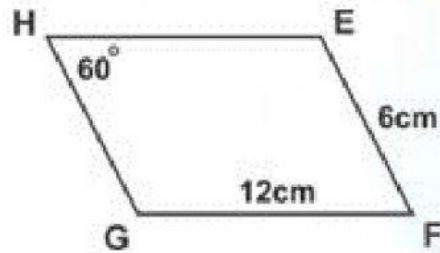
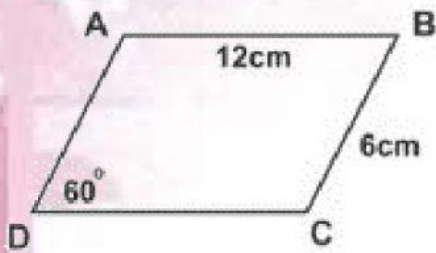
|                          |                       |                          |           |
|--------------------------|-----------------------|--------------------------|-----------|
| <input type="checkbox"/> | $\angle C = \angle R$ | <input type="checkbox"/> | $AD = PQ$ |
|--------------------------|-----------------------|--------------------------|-----------|



### Bagian 3.

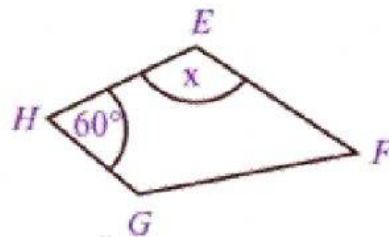
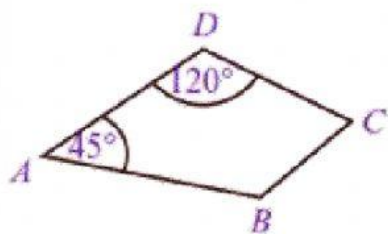
Dua bangun berikut kongruen,

tentukanlah besar sudut dan panjang sisi dari:



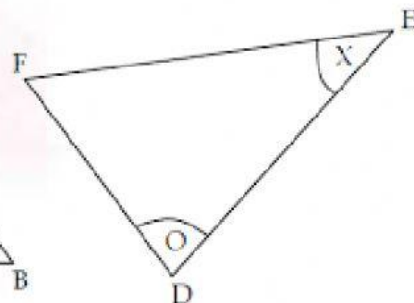
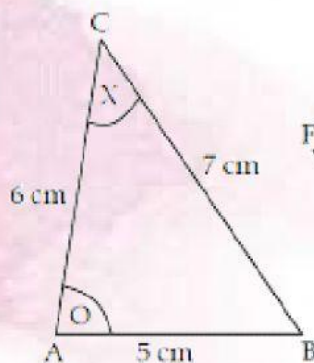
$$\angle B = \boxed{\phantom{00}}^\circ$$

$$HG = \boxed{\phantom{00}} \text{ cm}$$



$$\angle C = \boxed{\phantom{00}}^\circ$$

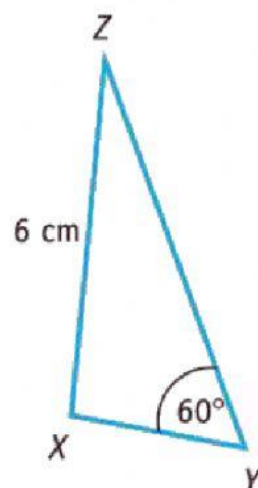
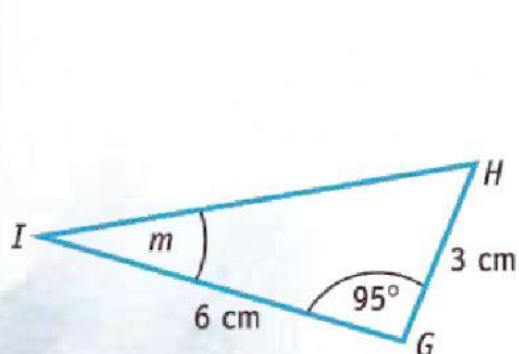
$$\angle E = \boxed{\phantom{00}}^\circ$$



$$DE = \boxed{\phantom{00}} \text{ cm}$$

$$EF = \boxed{\phantom{00}} \text{ cm}$$

$$DF = \boxed{\phantom{00}} \text{ cm}$$



$$XY = \boxed{\phantom{00}} \text{ cm}$$

$$\angle I = \boxed{\phantom{00}}^\circ$$

$$\angle X = \boxed{\phantom{00}}^\circ$$