

# LEMBAR KERJA KEKONGRUENAN

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NAMA :

KELAS:

## Bagian 1.

Kliklah dari pernyataan berikut yang menurutmu sesuai!

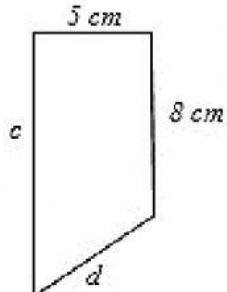
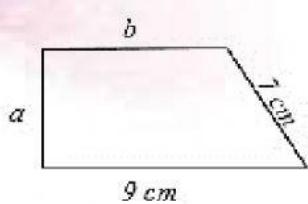
### Syarat Kekongruenan

- Syarat segitiga saling kongruen adalah S, Sd, S
- Syarat segitiga saling kongruen adalah Sd, Sd, Sd

- Sudut-sudut yang bersesuaian memiliki perbandingan yang sama
- Sisi-sisi yang bersesuaian memiliki panjang yang sama
- Sudut-sudut yang bersesuaian memiliki besar yang sama
- Sisi-sisi yang bersesuaian memiliki perbandingan panjang yang sama

## Bagian 2.

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

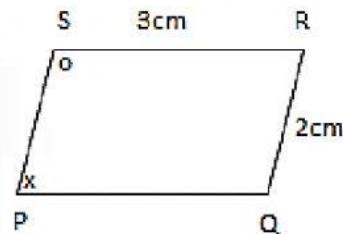
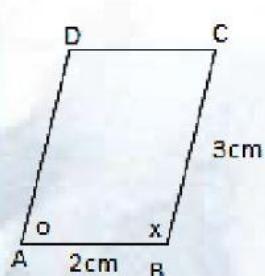


$b = 5$

$a = 8$

$d = 7$

$c = 9$



$AB = SP$

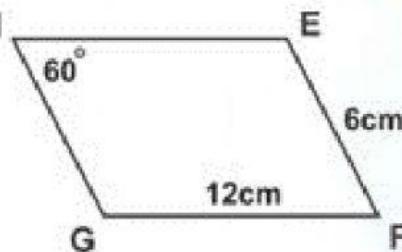
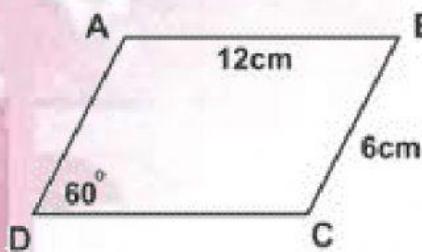
$\angle D = \angle R$

$\angle C = \angle R$

$AD = PQ$

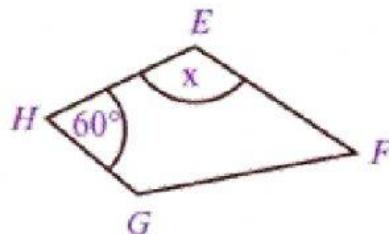
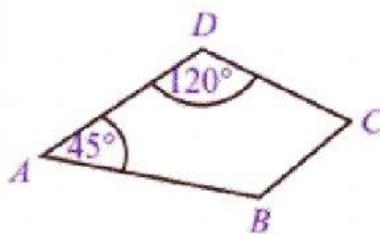
**Bagian 3.**

**Dua bangun berikut kongruen,  
tentukanlah besar sudut dan panjang sisi dari:**



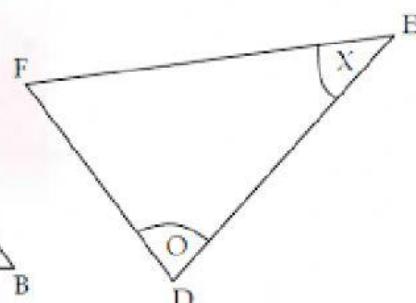
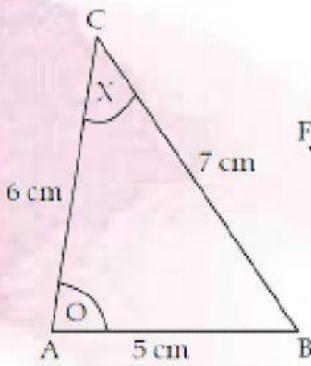
$$\angle B = \boxed{\phantom{00}}^\circ$$

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



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

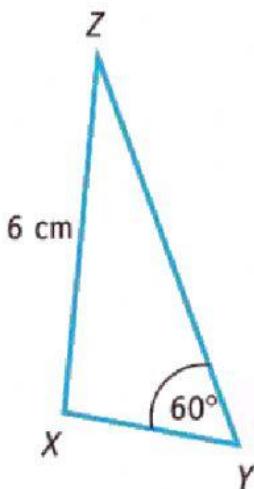
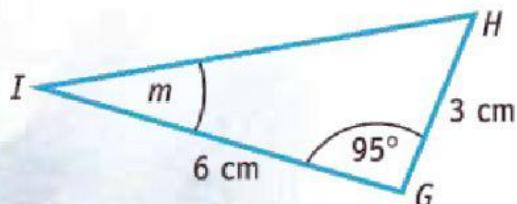
$$\angle E = \boxed{\phantom{00}}^\circ$$



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

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

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



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

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

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