

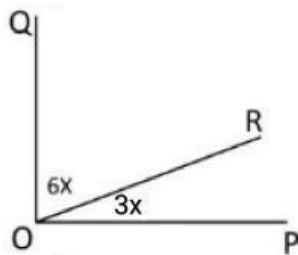
Nama :

Kelas VII

ASESMEN SUMATIF AKHIR KESEBANGUNAN

Isilah tempat kosong dengan jawaban yang benar!

1. Perhatikan gambar berikut!



Tentukan besar $\angle POQ$ dan $\angle QOR$!

Jawab

$$\dots + \dots = \dots$$

$$\dots = \dots$$

$$\dots$$

$$x = \dots$$

$$\dots$$

$$x = \dots$$

$$\angle POQ = 3x$$

$$= 3 \cdot \dots$$

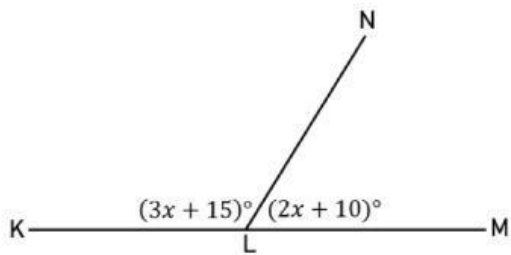
$$= \dots$$

$$\angle QOR = 6x$$

$$= 6 \cdot \dots$$

$$= \dots$$

2. Perhatikan gambar berikut!



Tentukan besar $\angle KLN$ dan $\angle MLN$!

Jawab

$$\dots + \dots + \dots + \dots = \dots$$

$$\dots + \dots = \dots$$

$$\dots = \dots - \dots$$

$$\dots = \dots$$

$$\dots$$

$$x = \dots$$

$$\dots$$

$$x = \dots$$

$$\angle KLN = \dots + \dots$$

$$= \dots + \dots$$

$$= \dots + \dots$$

$$= \dots$$

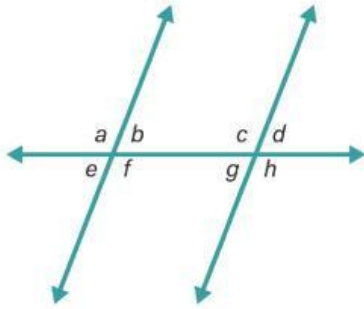
$$\angle MLN = \dots + \dots$$

$$= \dots + \dots$$

$$= \dots + \dots$$

$$= \dots$$

3. Perhatikan gambar berikut!



Tentukan :

- sudut-sudut sehadap
- sudut-sudut dalam berseberangan
- sudut-sudut luar berseberangan
- sudut-sudut dalam sepihak
- sudut-sudut luar sepihak

Jawab

- Sudut-sudut sehadap

$$\angle a = \angle \dots\dots\dots$$

$$\angle b = \angle \dots\dots\dots$$

$$\angle e = \angle \dots\dots\dots$$

$$\angle f = \angle \dots\dots\dots$$

- Sudut-sudut dalam berseberangan

$$\angle b = \angle \dots\dots\dots$$

$$\angle f = \angle \dots\dots\dots$$

- Sudut-sudut luar berseberangan

$$\angle a = \angle \dots\dots\dots$$

$$\angle e = \angle \dots\dots\dots$$

- Sudut-sudut dalam sepihak

$$\angle b + \angle \dots\dots\dots = \dots\dots\dots^\circ$$

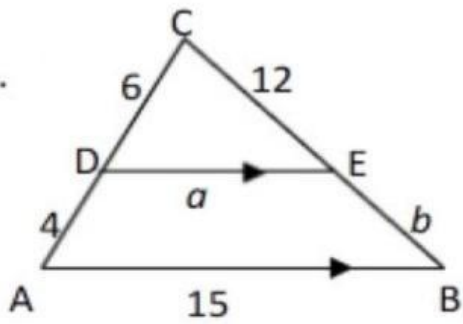
$$\angle f + \angle \dots\dots\dots = \dots\dots\dots^\circ$$

- Sudut-sudut luar sepihak

$$\angle a + \angle \dots\dots\dots = \dots\dots\dots^\circ$$

$$\angle e + \angle \dots\dots\dots = \dots\dots\dots^\circ$$

4. Perhatikan gambar berikut!



Tentukan nilai $a + b$!

Jawab

$$a = \dots\dots\dots$$

$$\dots\dots\dots = \dots\dots\dots$$

$$\dots\dots\dots \cdot \dots\dots\dots$$

$$\dots\dots\dots \cdot a = \dots\dots\dots \cdot \dots\dots\dots$$

$$\dots\dots\dots a = \dots\dots\dots$$

$$\dots\dots\dots$$

$$a = \dots\dots\dots$$

$$\dots\dots\dots$$

$$a = \dots\dots\dots$$

$$b + 12 = \dots\dots\dots$$

$$\dots\dots\dots = \dots\dots\dots$$

$$\dots\dots\dots \cdot \dots\dots\dots$$

$$\dots\dots\dots \cdot (b + 12) = \dots\dots\dots \cdot \dots\dots\dots$$

$$\dots\dots\dots b + \dots\dots\dots = \dots\dots\dots$$

$$\dots\dots\dots b = \dots\dots\dots - \dots\dots\dots$$

$$\dots\dots\dots b = \dots\dots\dots$$

$$\dots\dots\dots$$

$$b = \dots\dots\dots$$

$$\dots\dots\dots$$

$$b = \dots\dots\dots$$

$$a + b = \dots\dots\dots + \dots\dots\dots = \dots\dots\dots$$