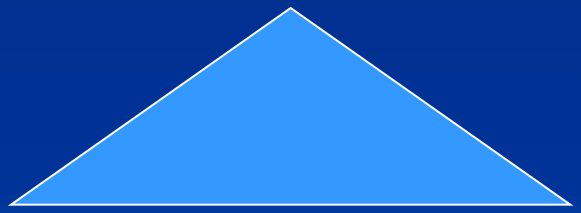
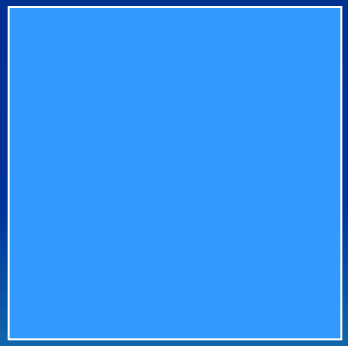
KELILING BANGUN DATAR



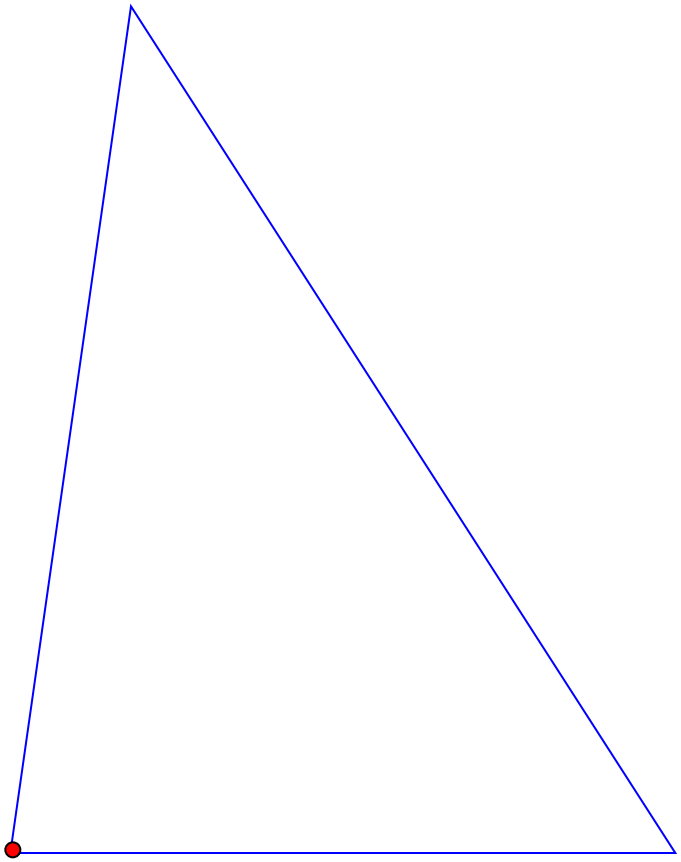


Keliling

Keliling Persegi Panjang

Keliling Persegi Panjang

Keliling Segitiga



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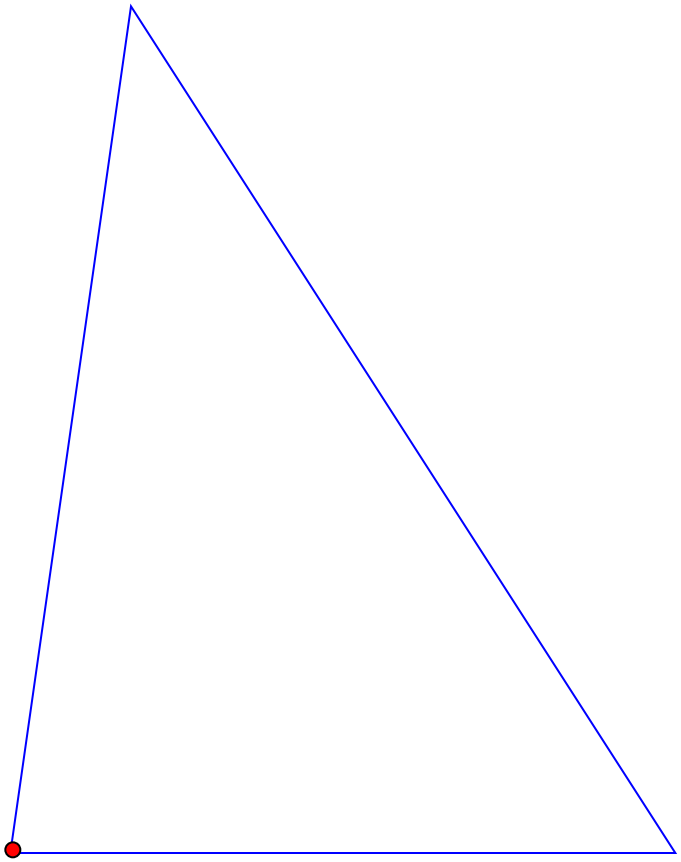

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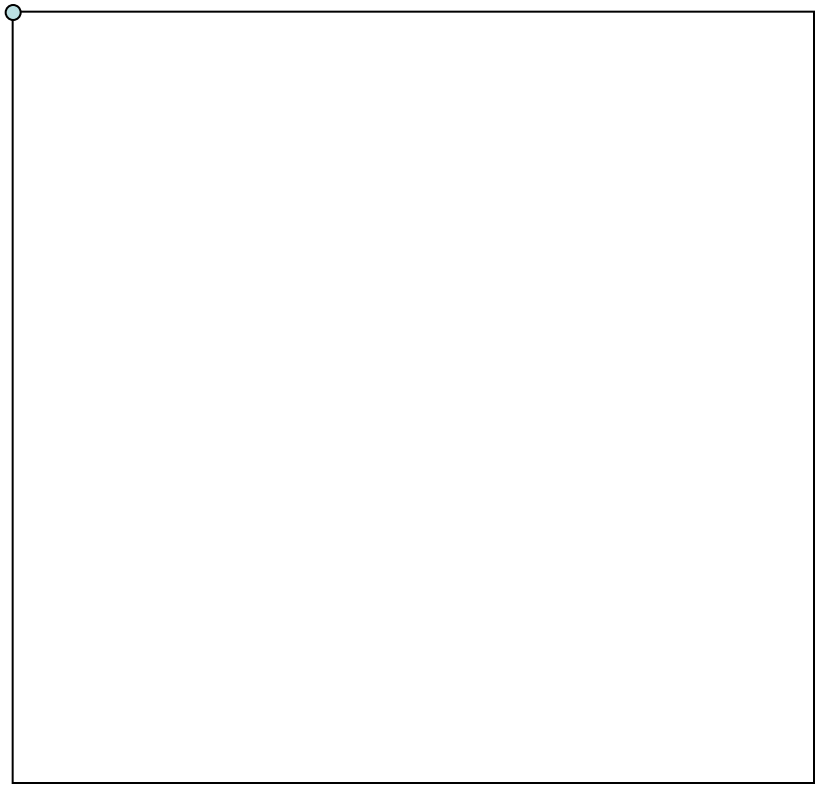

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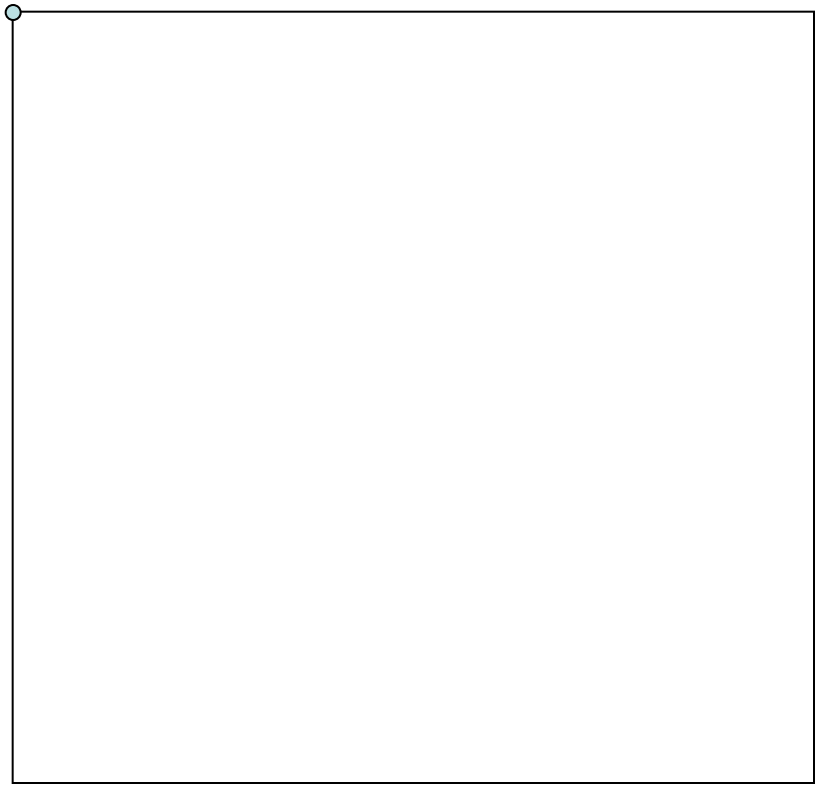

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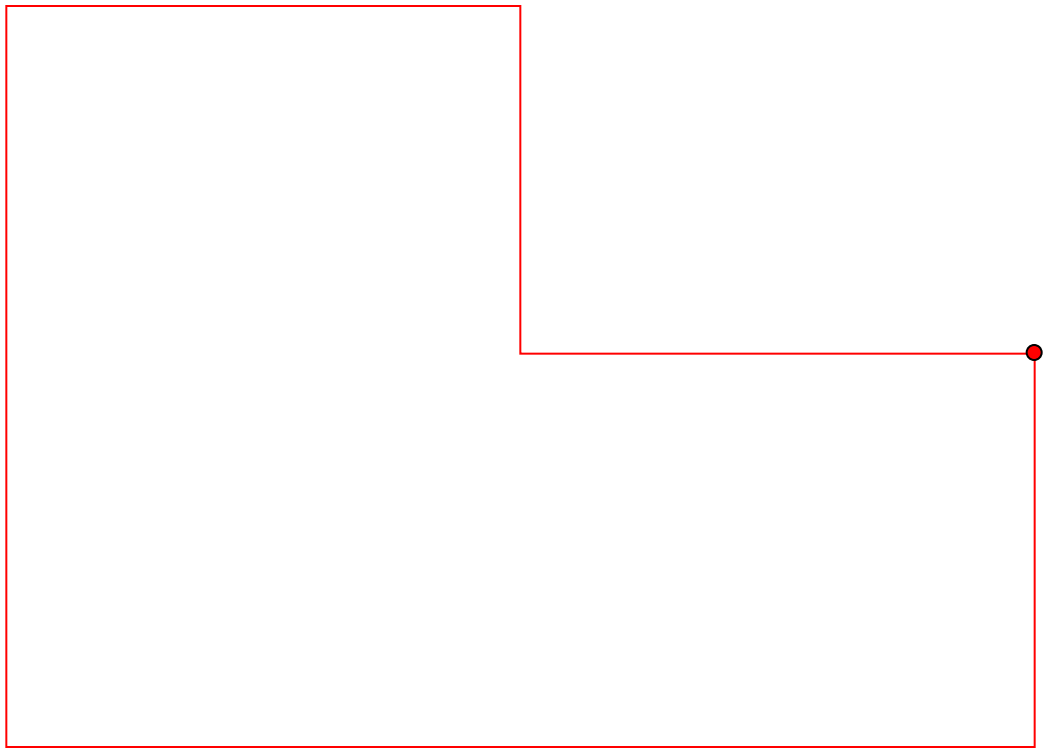

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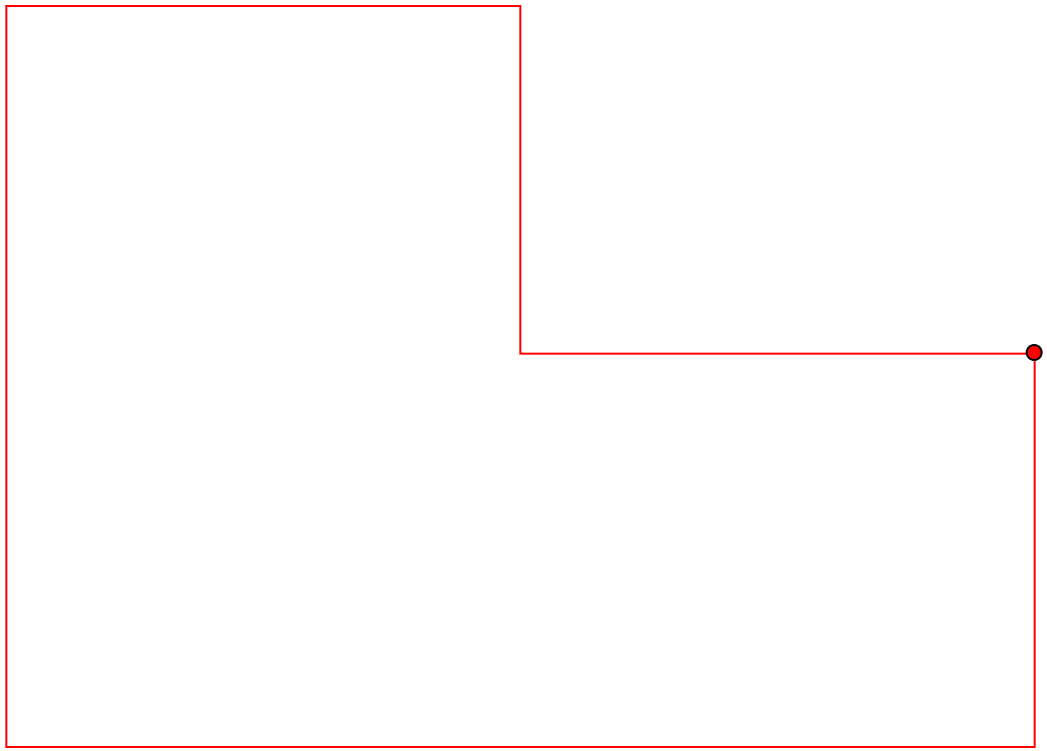

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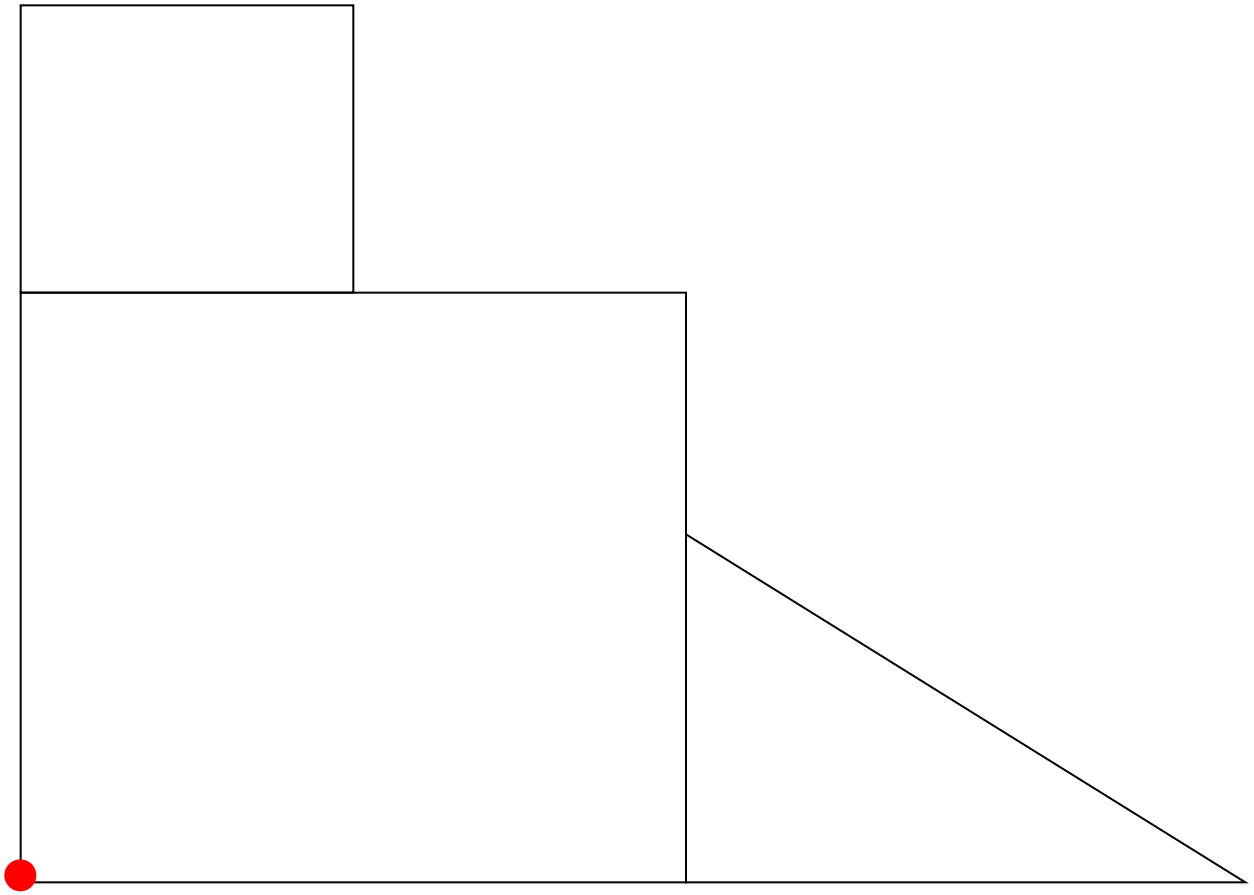

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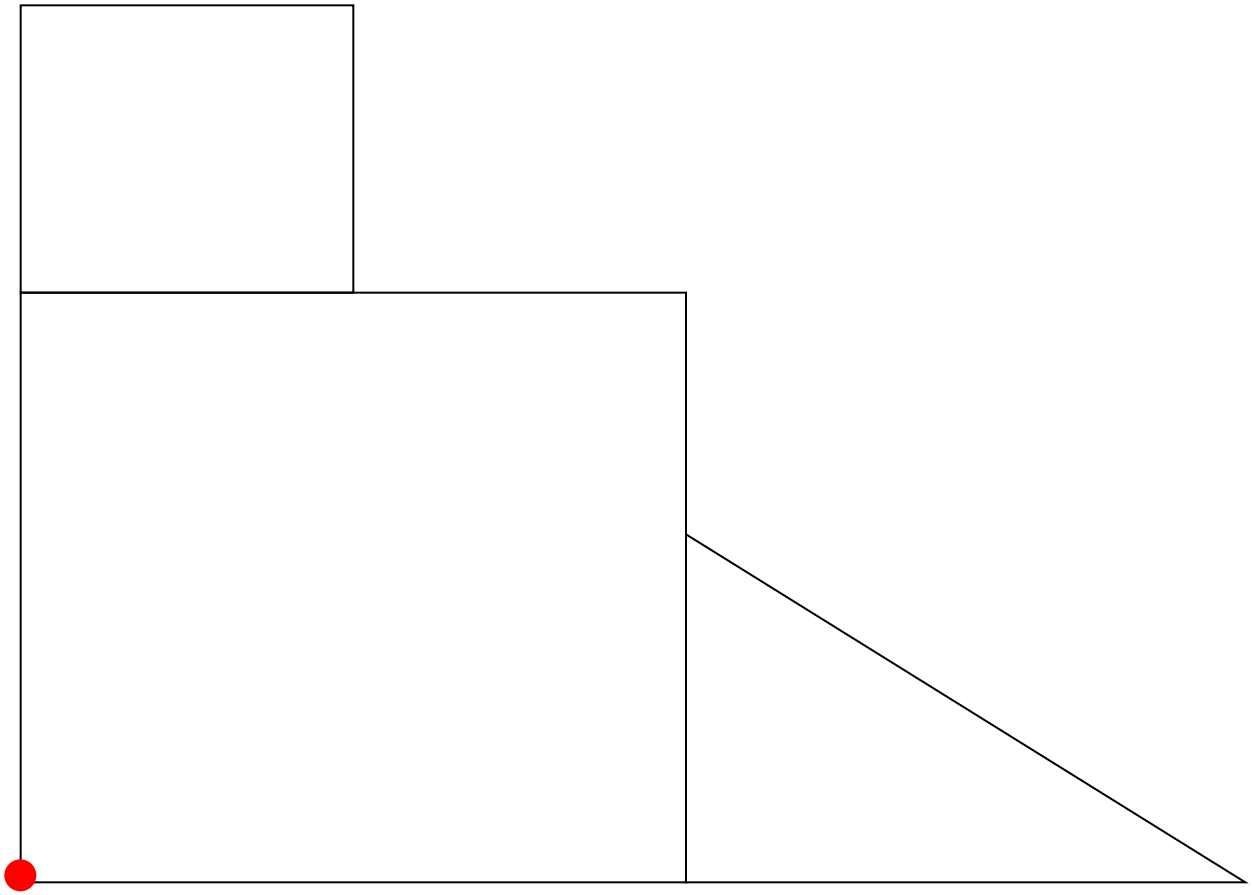
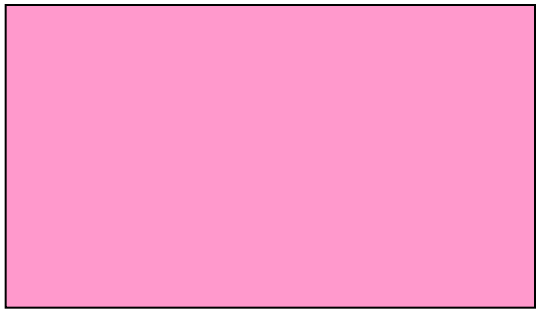
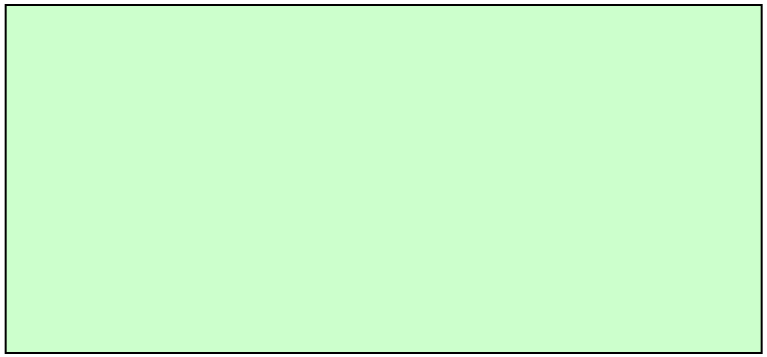
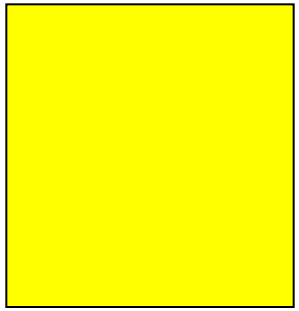
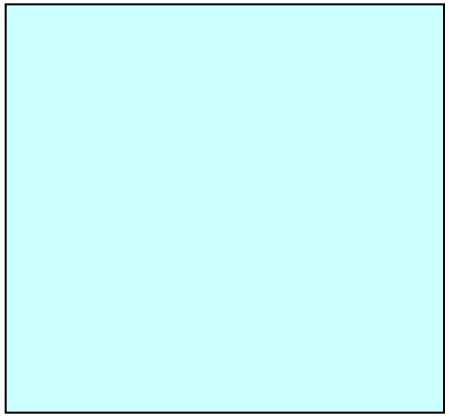
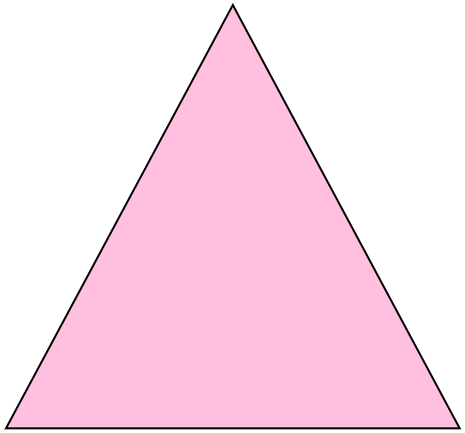
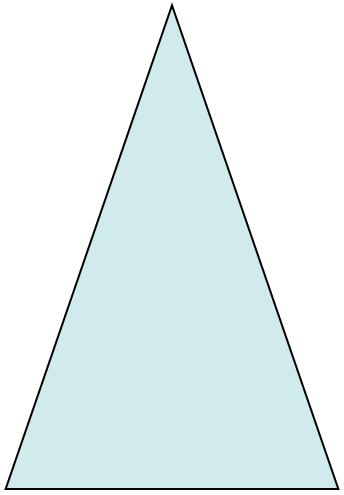
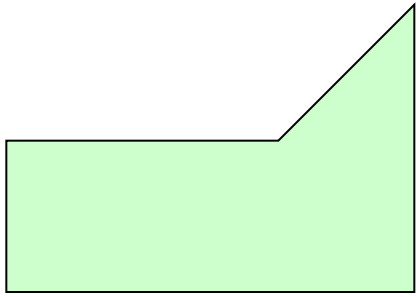
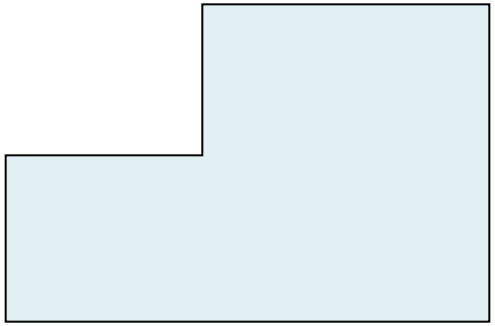
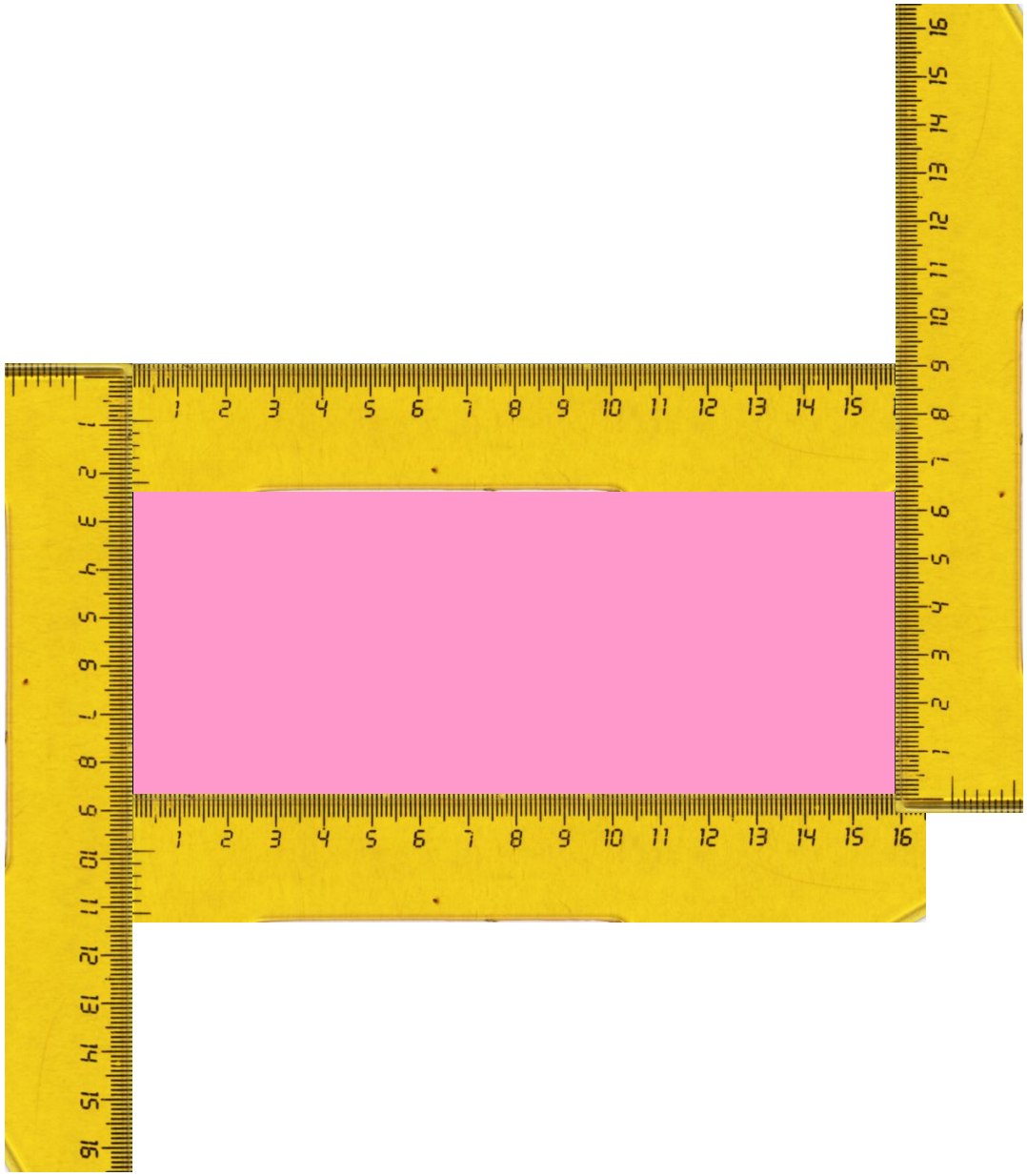
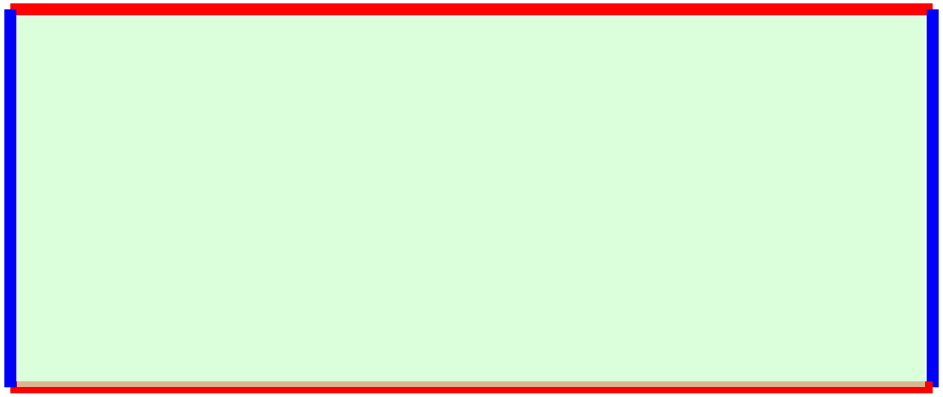
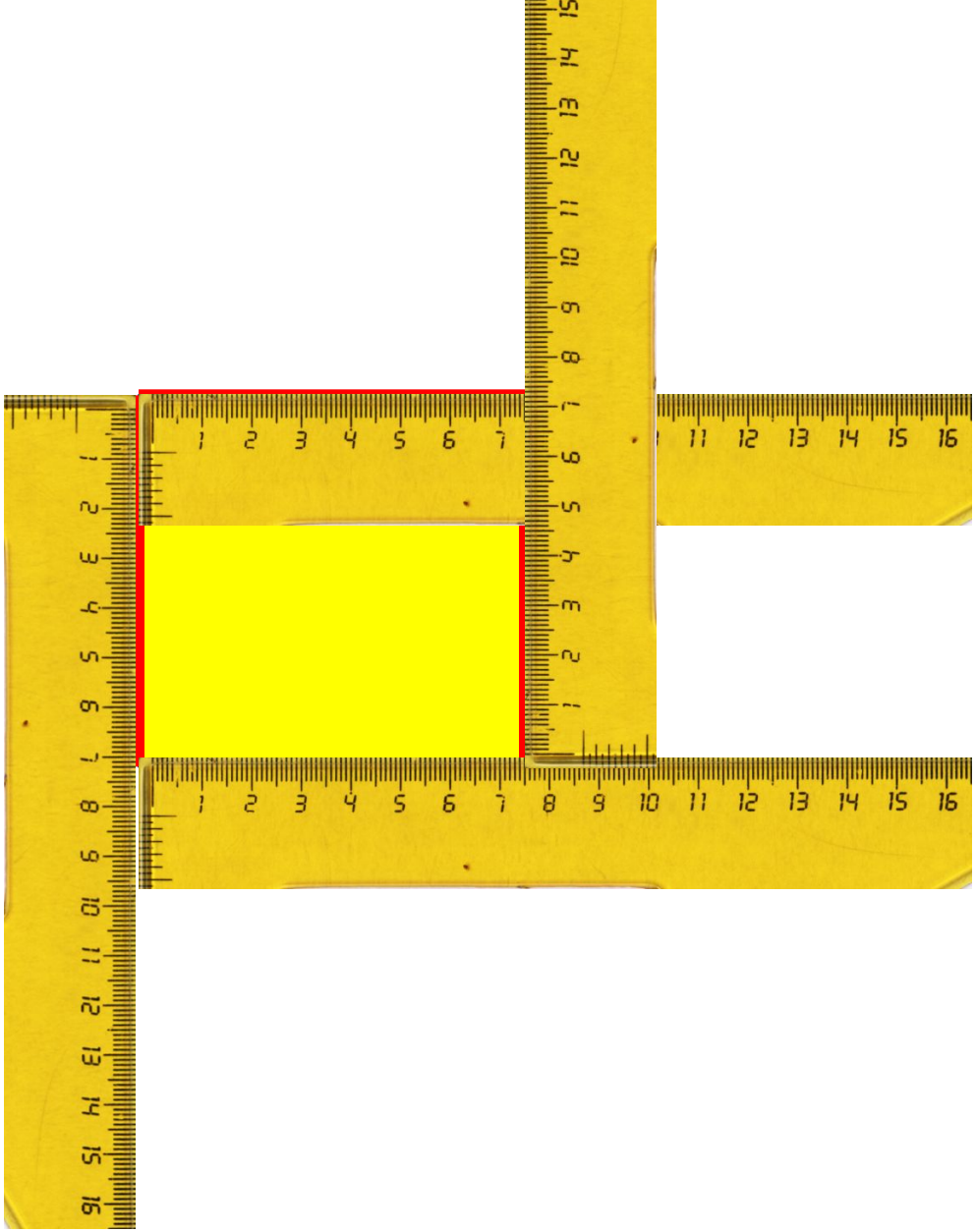
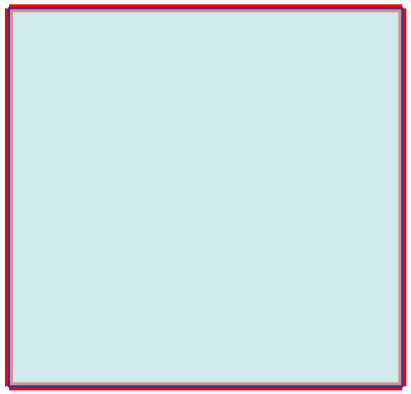


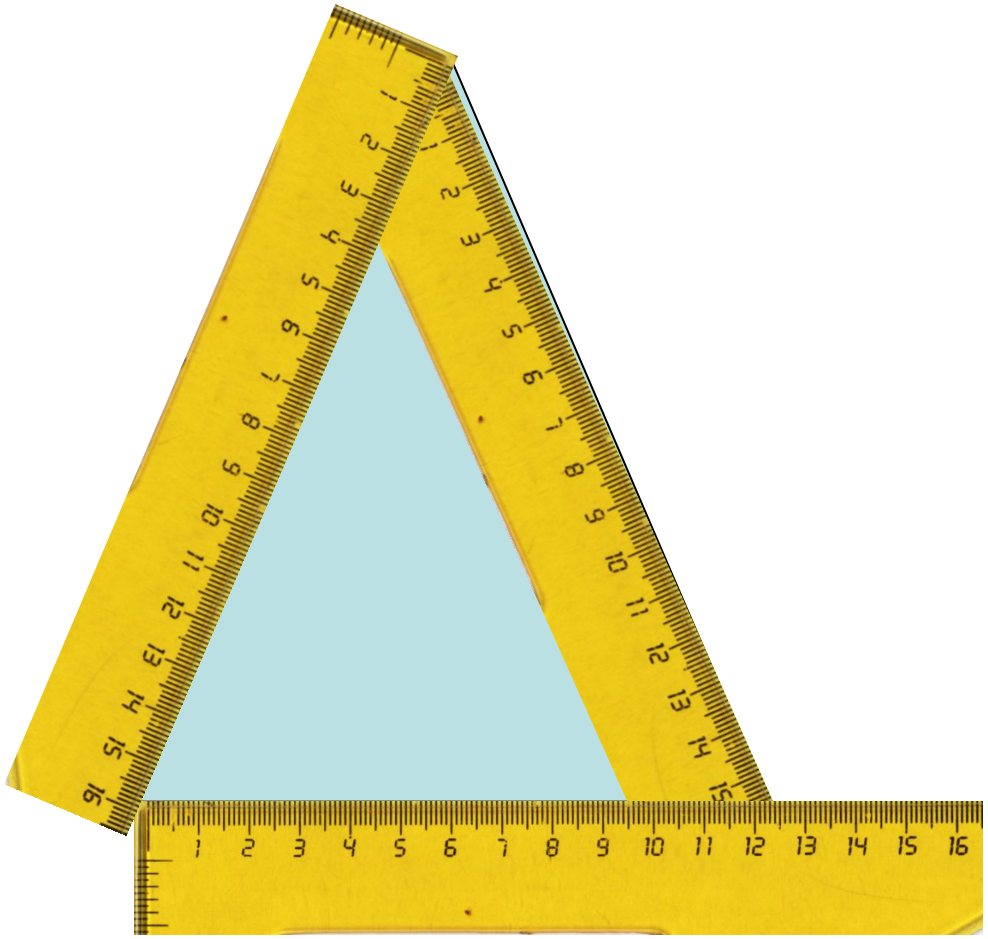









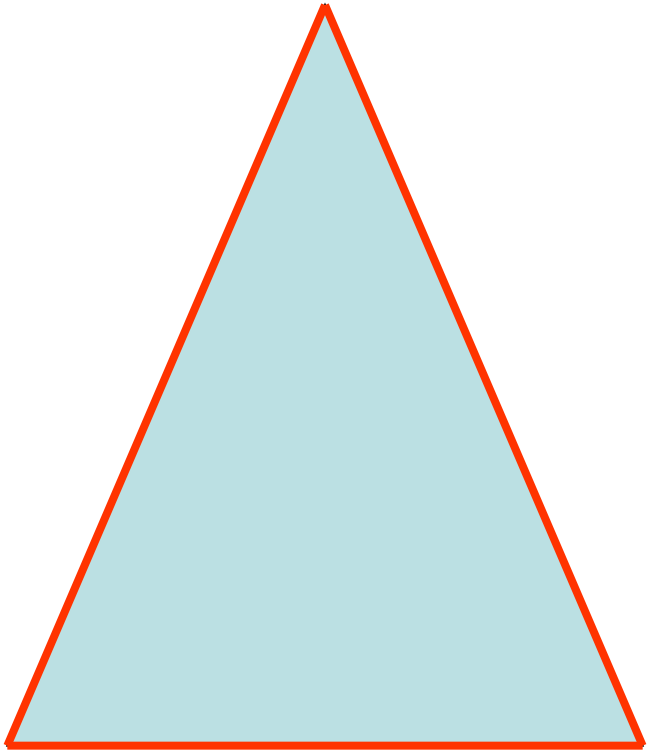


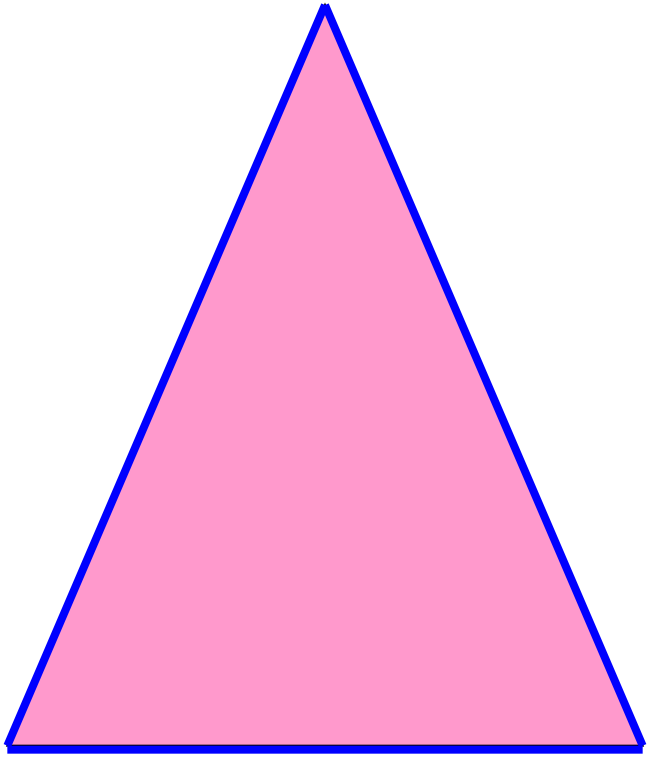


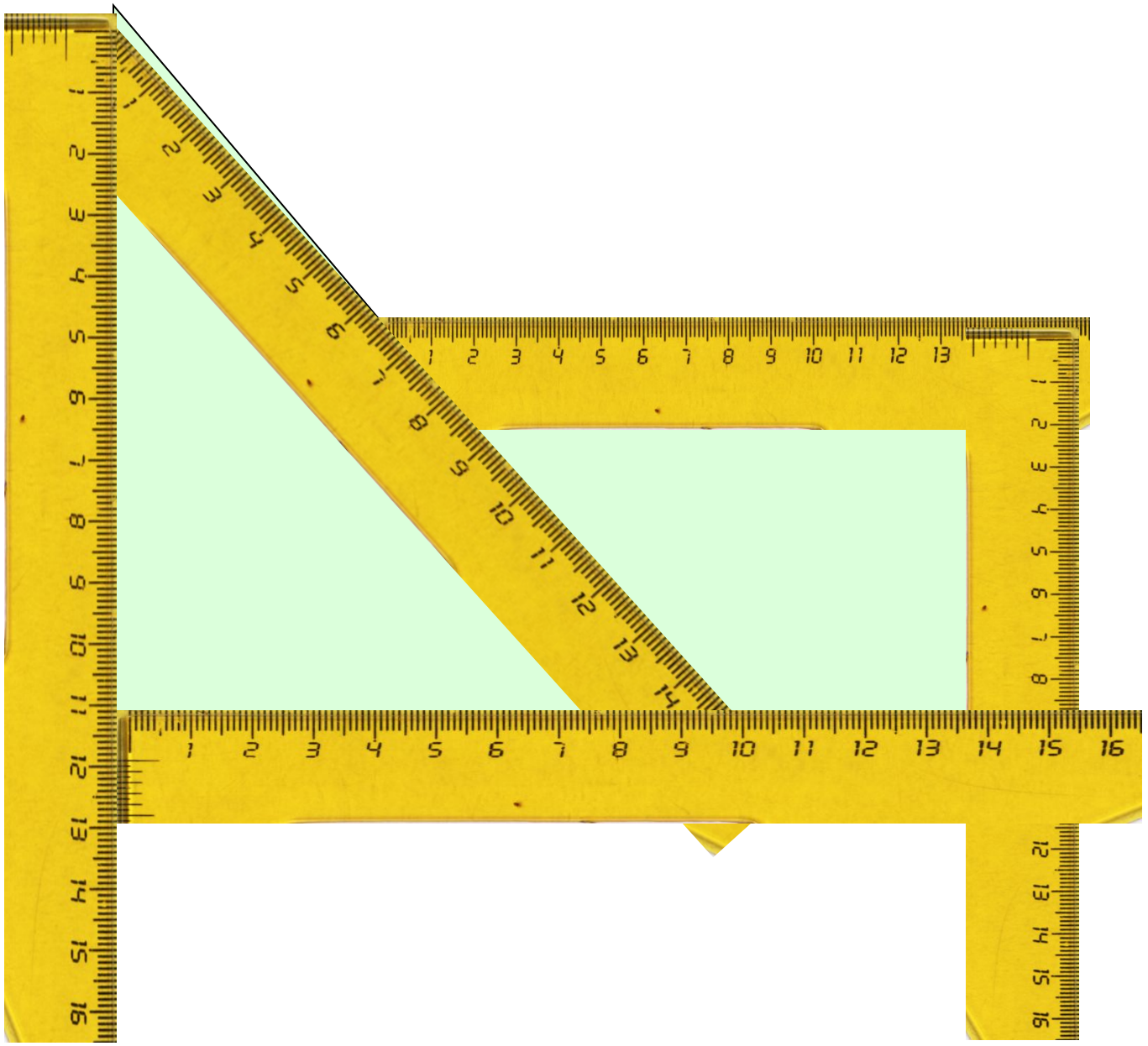


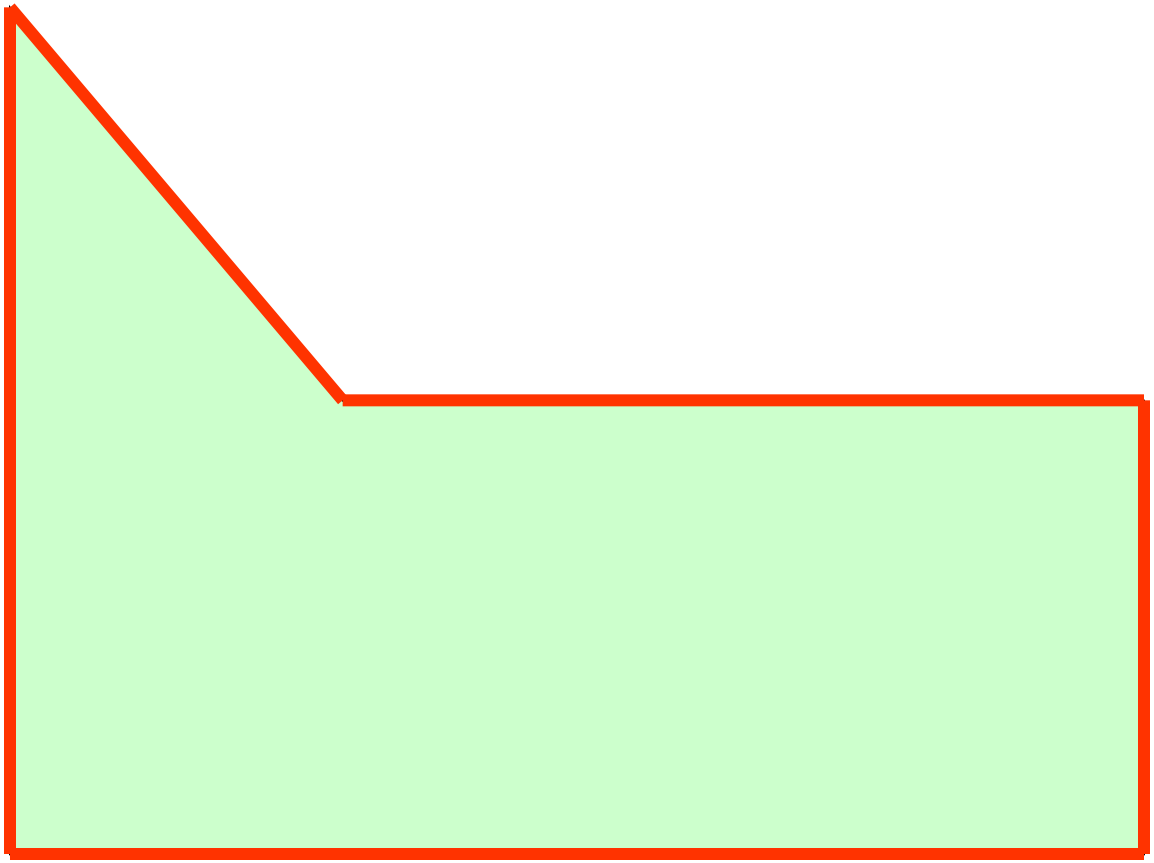


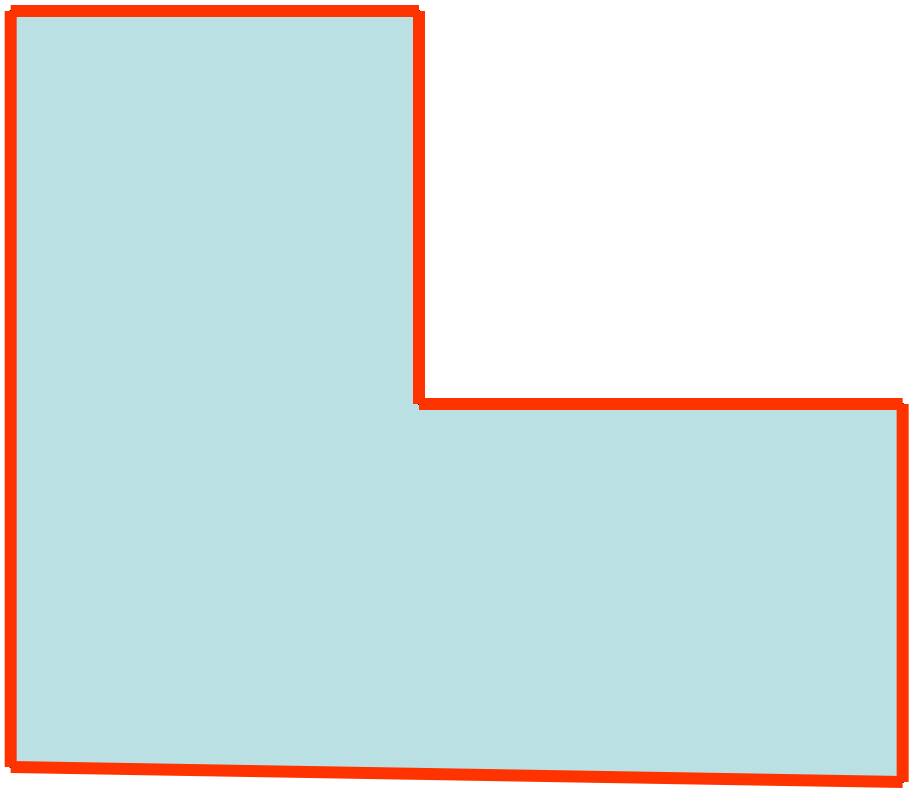




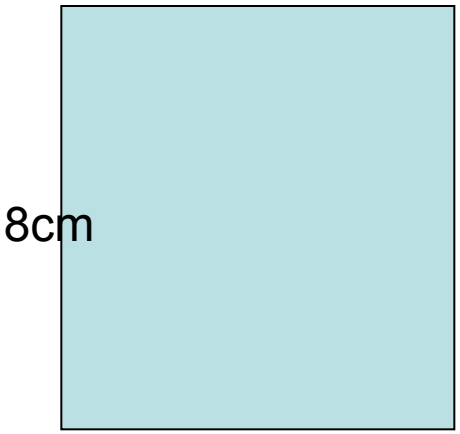


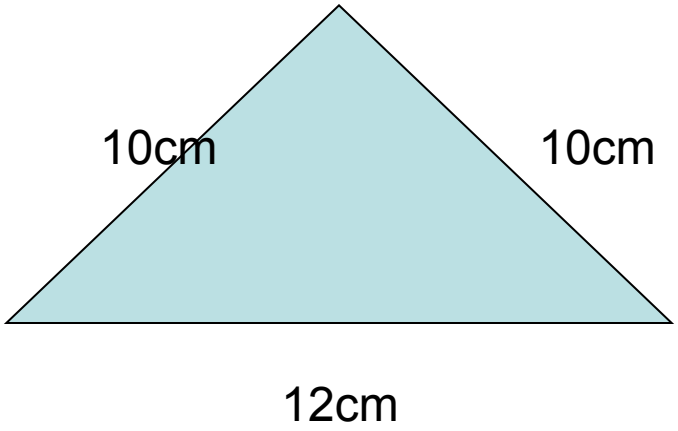


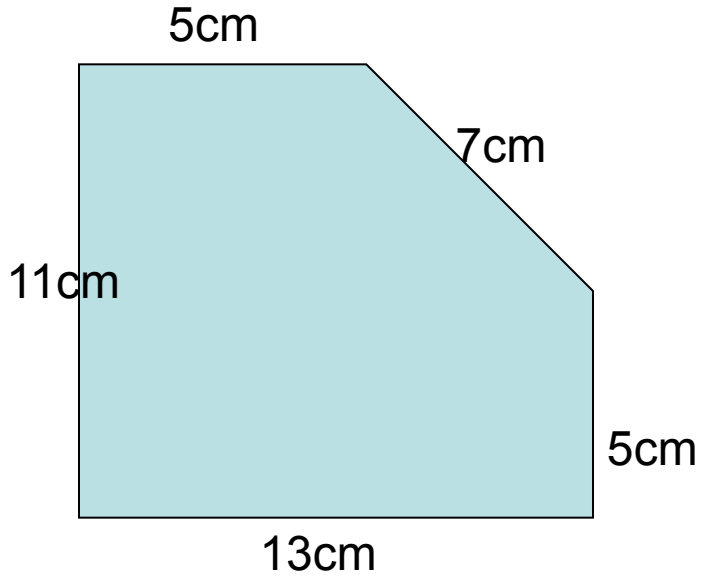




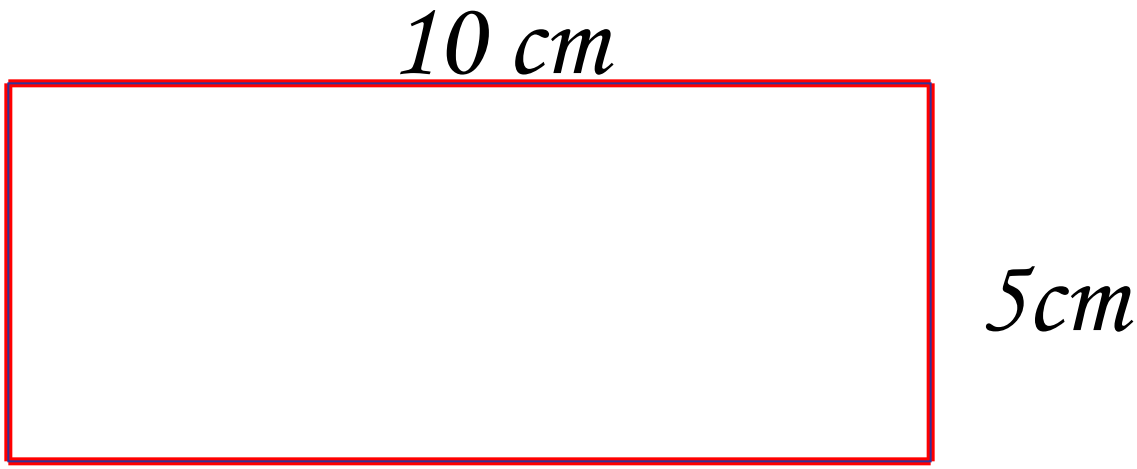
Keliling Bangun Datar







Keliling Persegipanjang



Keliling = 10 + 5 + 10 + 5

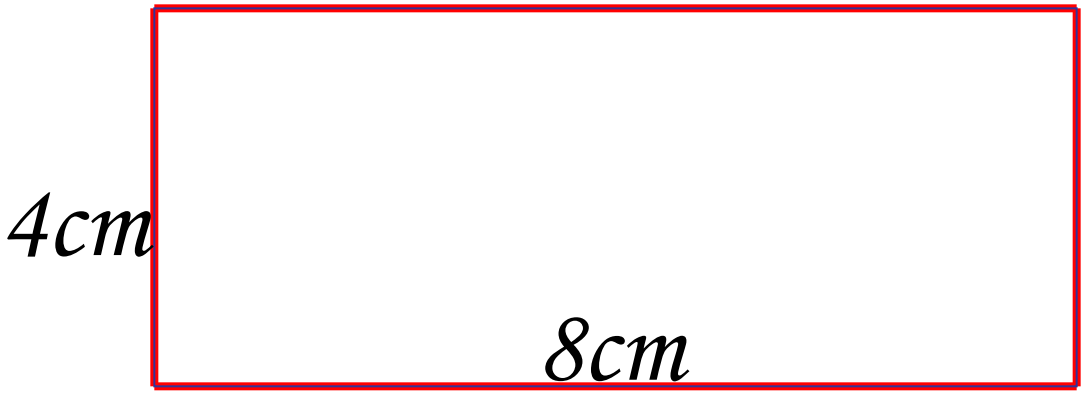
= 2 x (10 + 5)

= 2 x 15

= 30

Jadi Kelilingnya 30 cm

Keliling Persegipanjang



Keliling = 4 + 8 + 4 + 8

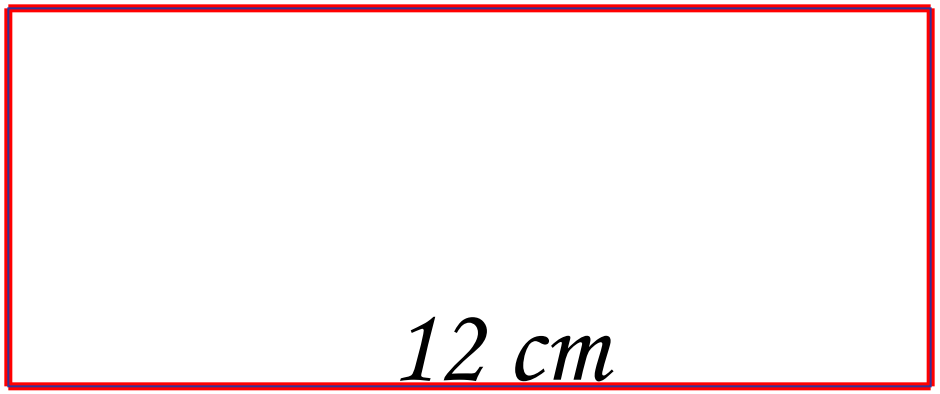
= 2 x (4 + 8)

= 2 x 12

= 24

Jadi Kelilingnya 24 cm

Keliling Persegipanjang



Keliling = 12 + 7 + 12 + 7

= 12 + 12 + 7 + 7

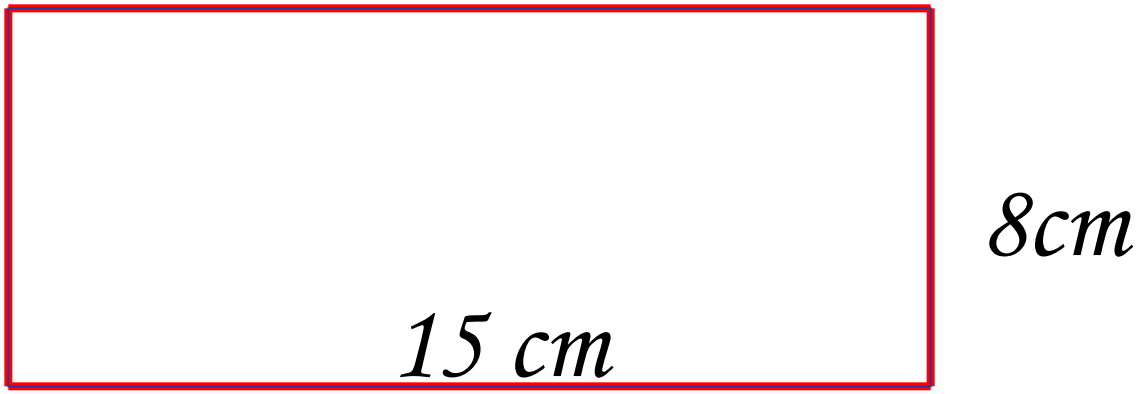
= 2 x (12 + 7)

= 2 x 19

= 38

Jadi Kelilingnya 38 cm

Keliling Persegipanjang



Keliling = 8 + 15 + 8 + 15

= 8 + 8 + 15 + 15

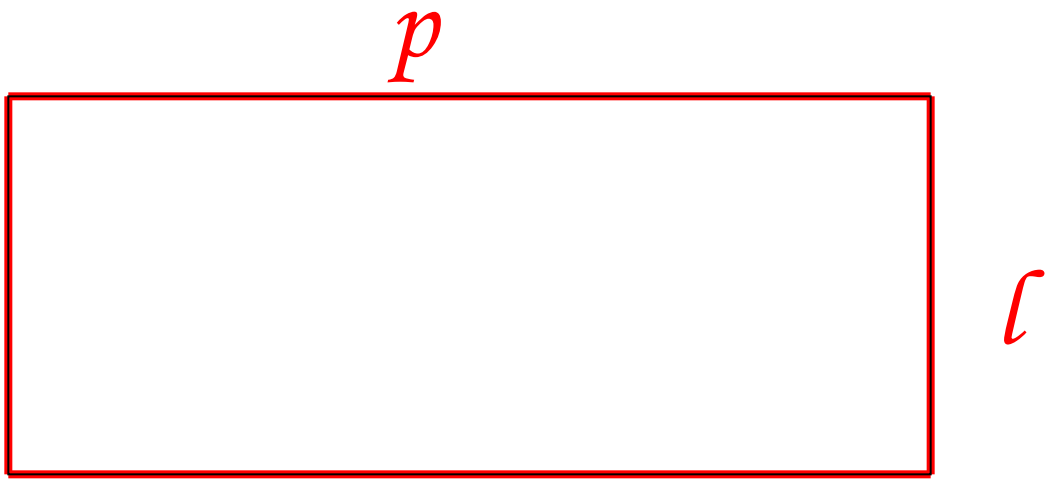
= 2 x (8 + 15)

= 2 x 23

= 46

Jadi Kelilingnya 46 cm

Keliling Persegipanjang

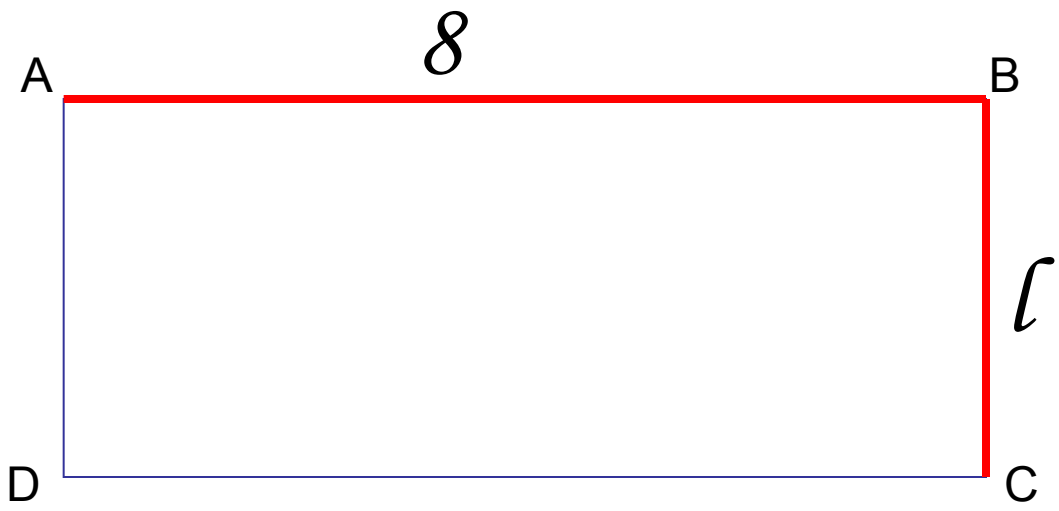


Kel = 2 x (p + l)

Kel = 2 p + 2 l

Keliling Persegipanjang = 2p + 2l atau 2 x (p+l)

Diketahui: Keliling ABCD 26, hitunglah panjang BC



Penyelesaian:

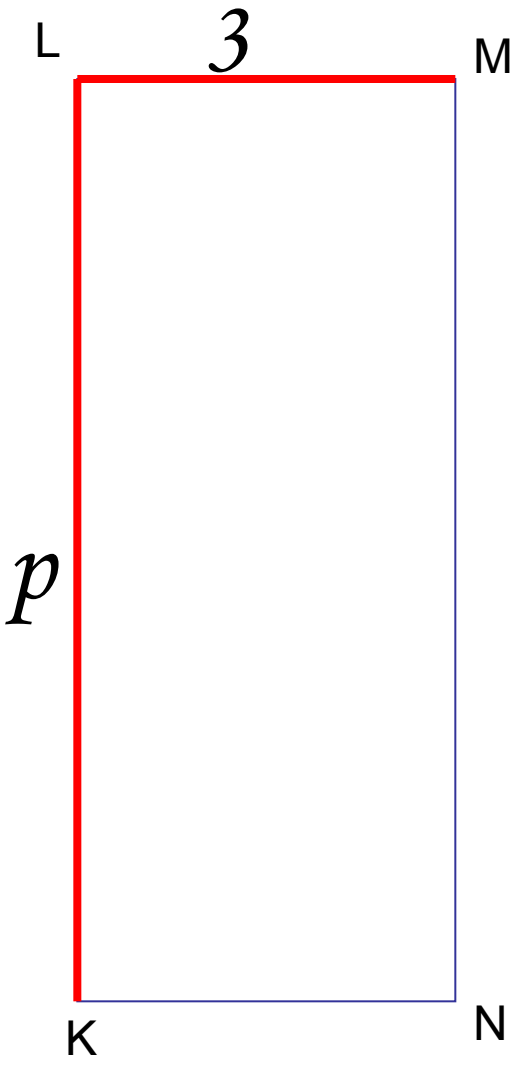
$$8 + \ell = \tfrac{1}{2}\ Keliling$$

$$8 + \ell = \tfrac{1}{2} \times 26$$

$$8 + \ell = 13$$

$$\ell = 5$$

Diketahui: Keliling KLMN 20, hitunglah panjang KL



Penyelesaian:

$$p + 3 = \tfrac{1}{2}\ Keliling$$

$$p + 3 = \tfrac{1}{2} \times 20$$

$$p + 3 = 10$$

$$p = 7$$

Keliling Persegi

5 cm

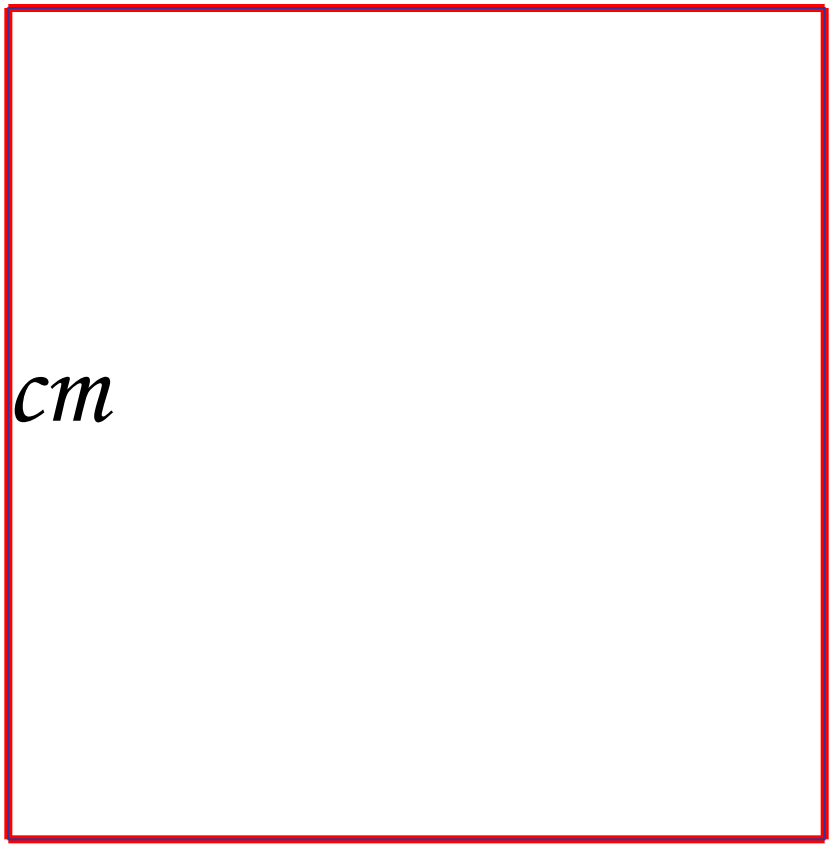
Keliling = 5 + 5 + 5 + 5

= 4 x 5

= 20

Jadi Kelilingnya 20cm

Keliling Persegi



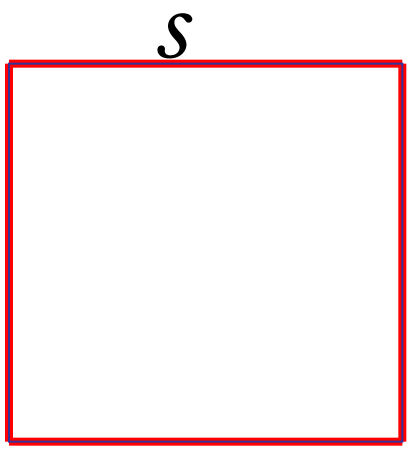
Keliling = 9 + 9 + 9 + 9

= 4 x 9

= 36

Jadi Kelilingnya 36cm

Jika keliling persegi = 24 cm, berapa panjang tiap-tiap sisinya?



Penyelesaian:

Misal panjang tiap sisi = s

$$s + s + s + s = Keliling$$

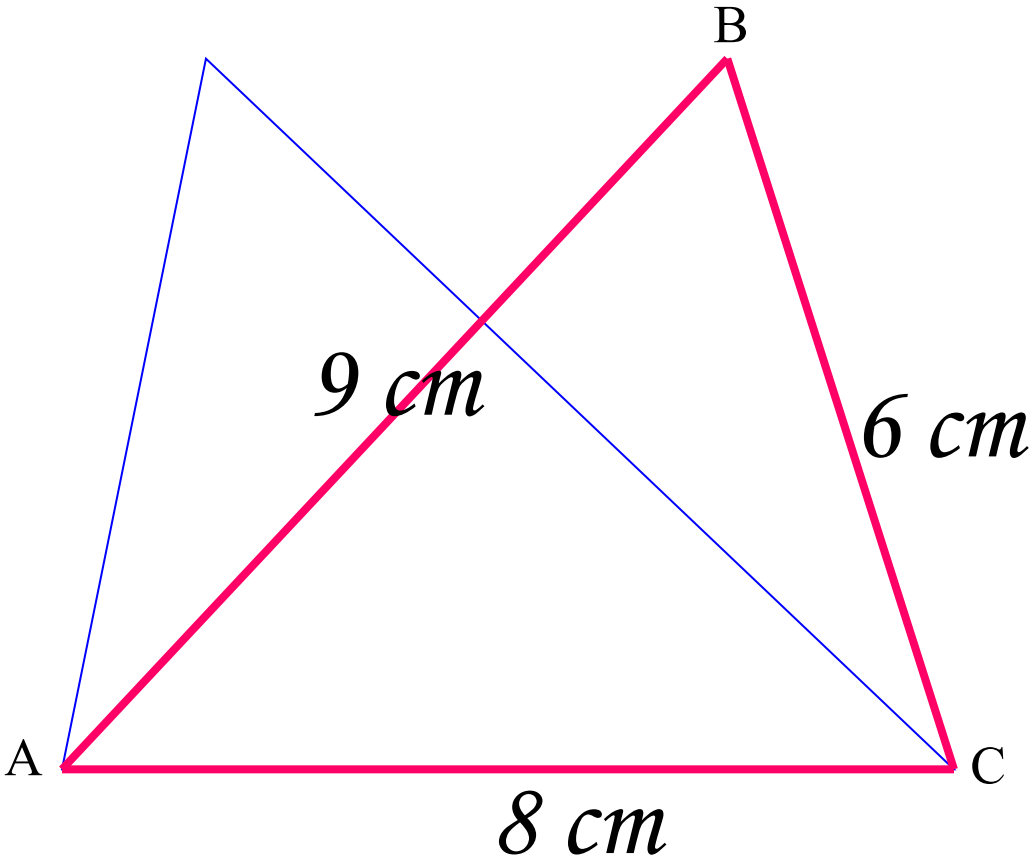
$$s + s + s + s = 24$$

$$4 \times s = 24$$

$$s = 24 : 4$$

$$s = 6$$

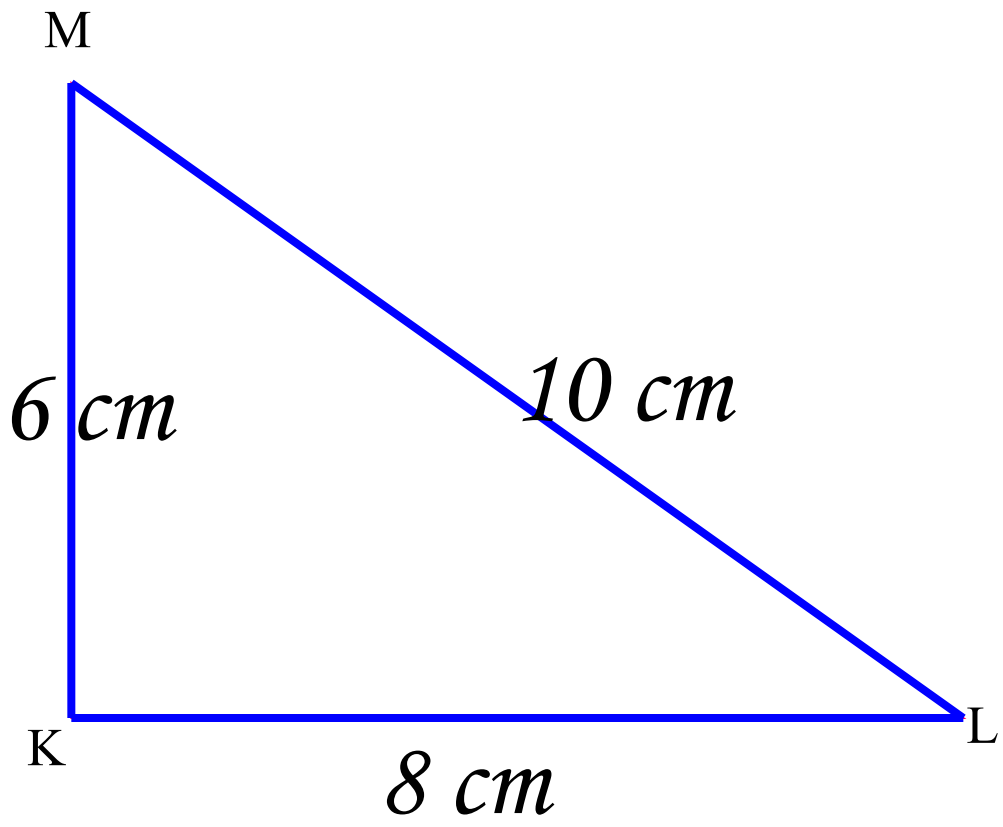
Jadi panjang tiap sisi 6cm



Keliling Segitiga = 9 + 6 + 8

= 23

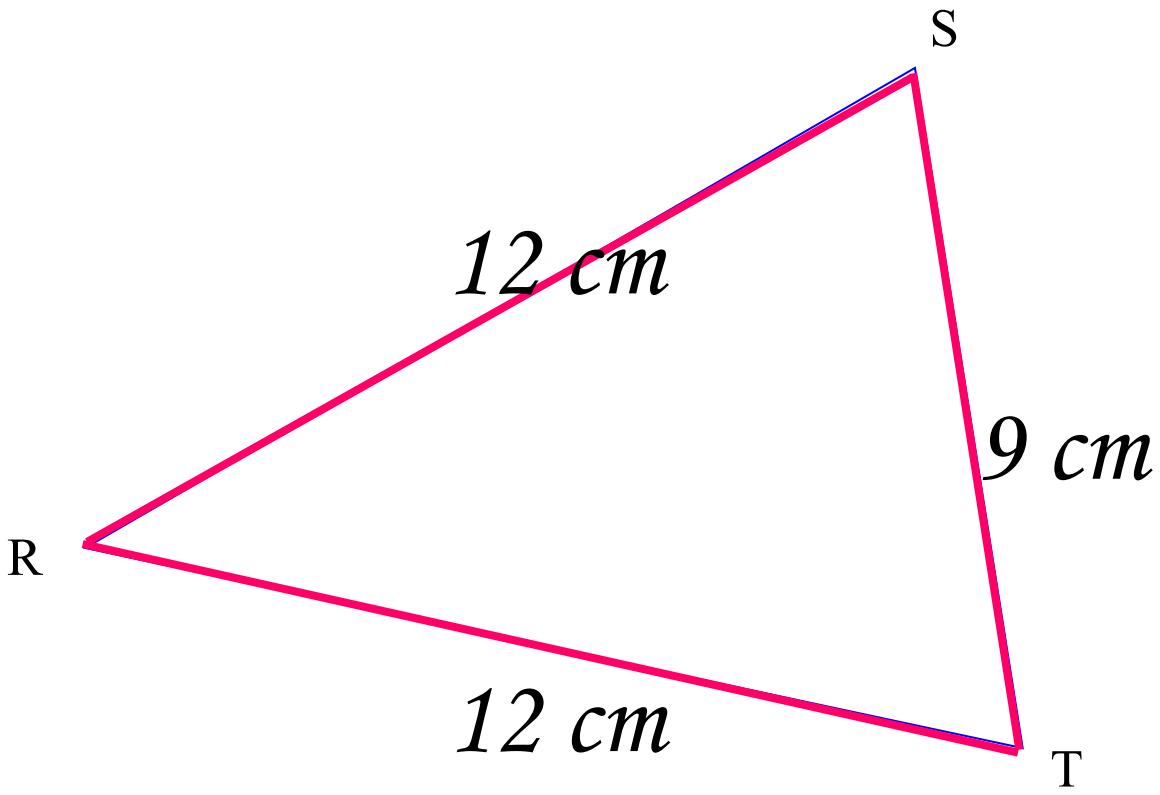
Jadi keliling ABC *23 cm*



Keliling Segitiga = 8 + 10 + 6

= 24

Jadi keliling KLM *24 cm*



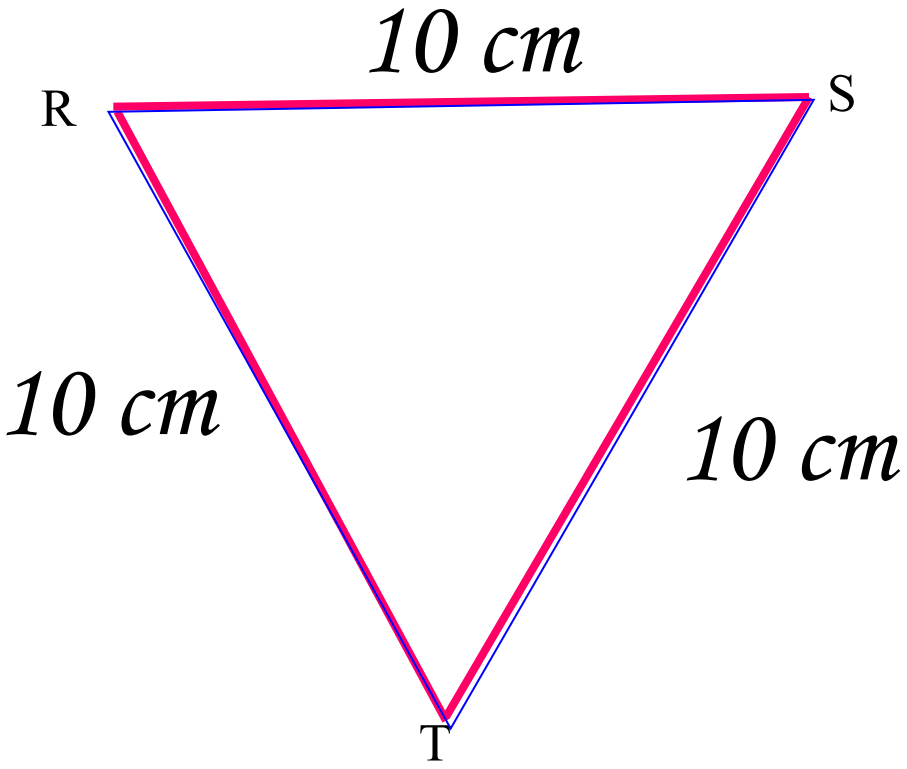
Keliling Segitiga = 12 + 9 + 12

= 2 x 12 + 9

= 24 + 9

= 33

Jadi keliling RST 33 cm



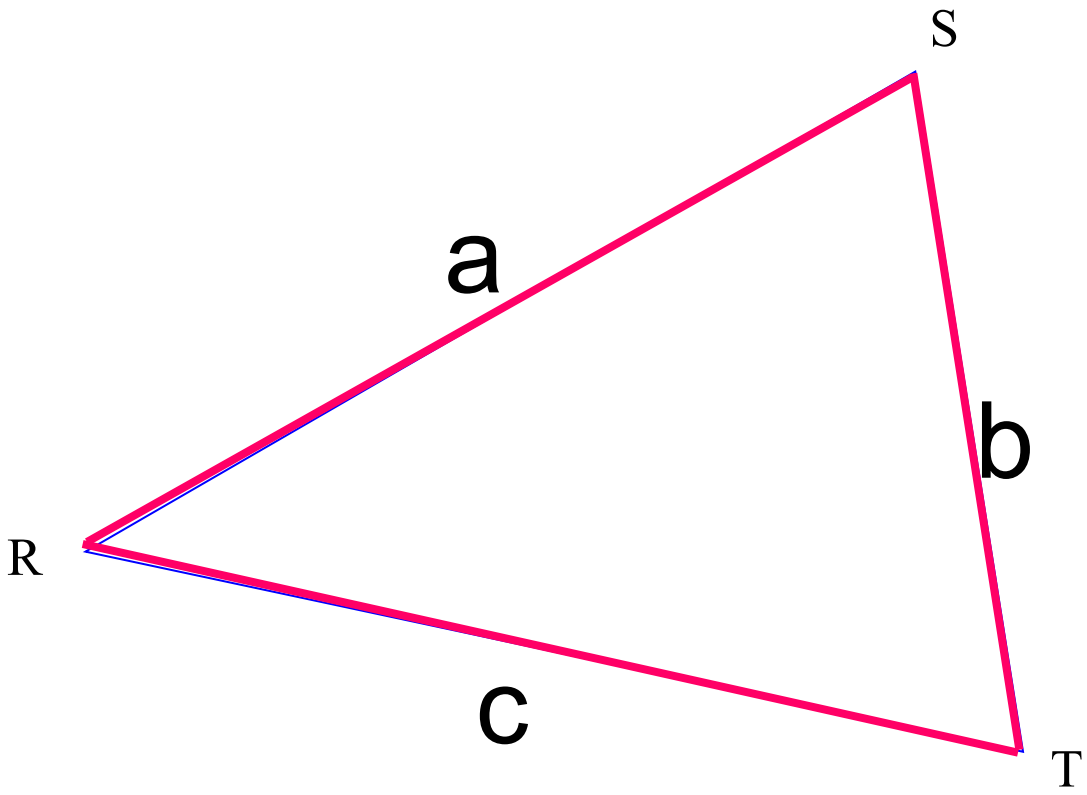
Keliling Segitiga = 10 + 10 + 10

10 + 10 + 10

= 3 x 10

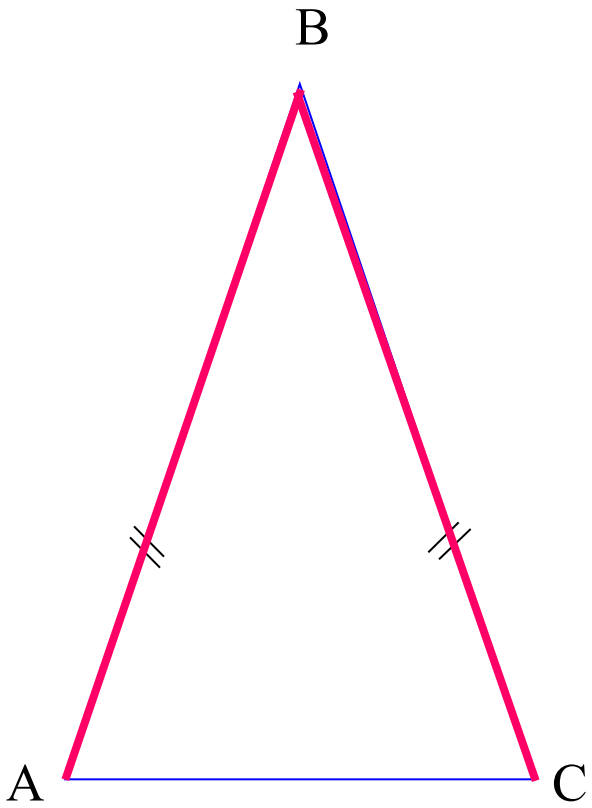
= 30

Jadi keliling RST 30 cm



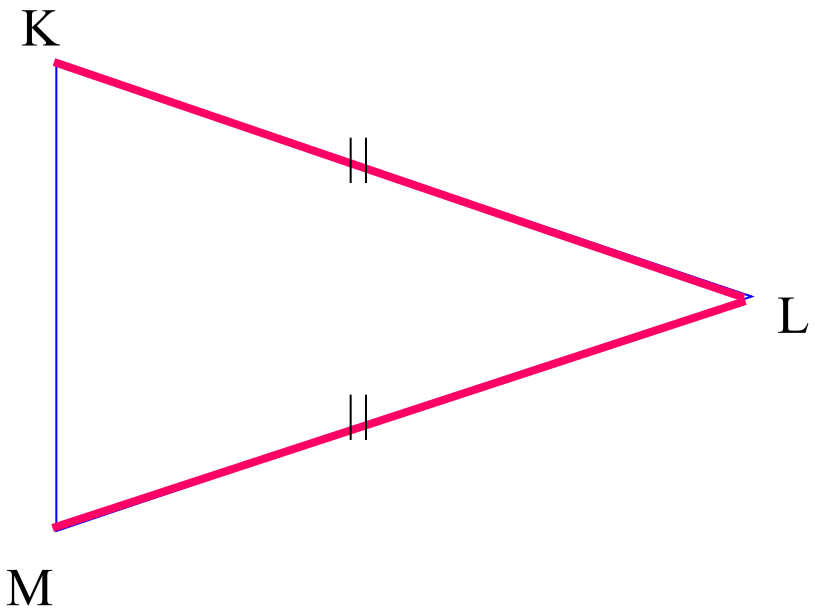
$$a + b + c$$

Keliling Segitiga RST $= a + b + c$



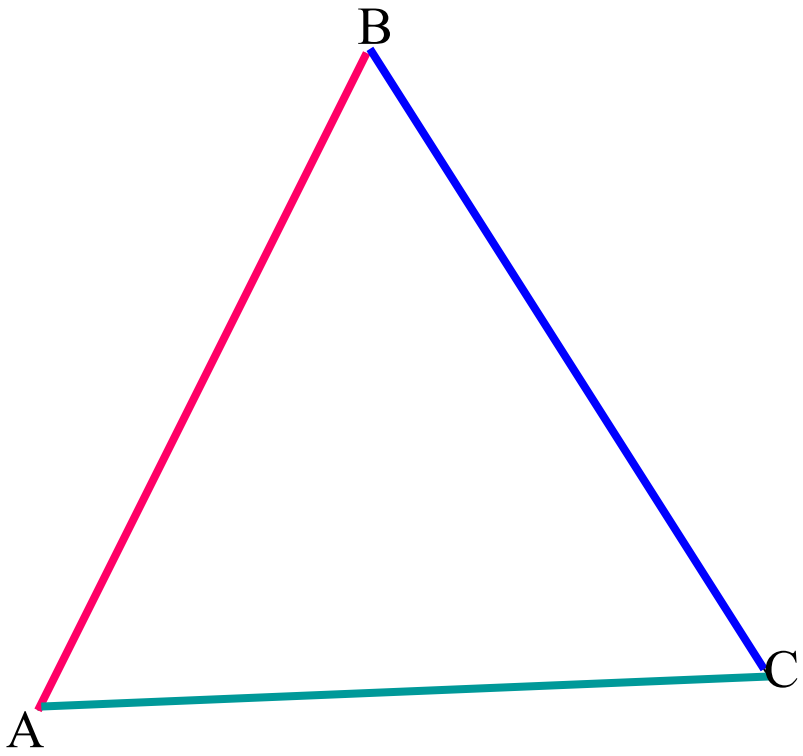
AB = BC

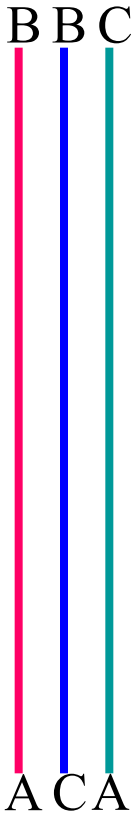
Segitiga ABC SAMA KAKI

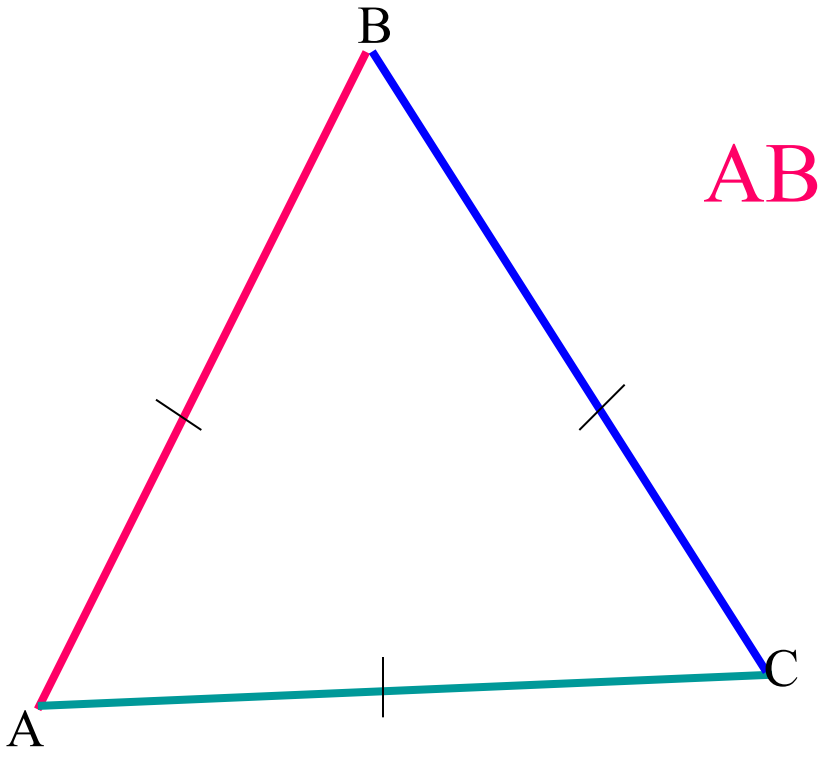


KL = LM

Segitiga KLM SAMA KAKI


B
C
A

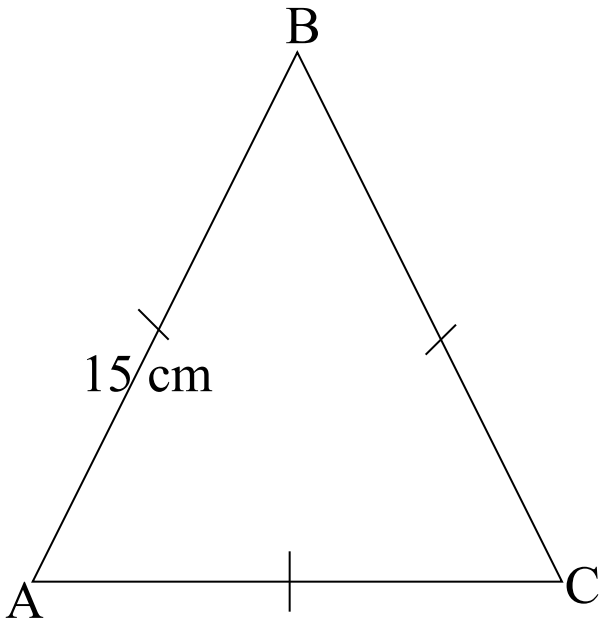




AB=AC=BC

Segitiga ABC SAMA SISI

Contoh Soal:
Hitunglah keliling segitiga di bawah ini!



Perhatikan tanda berkedip!
ABC Sama sisi!

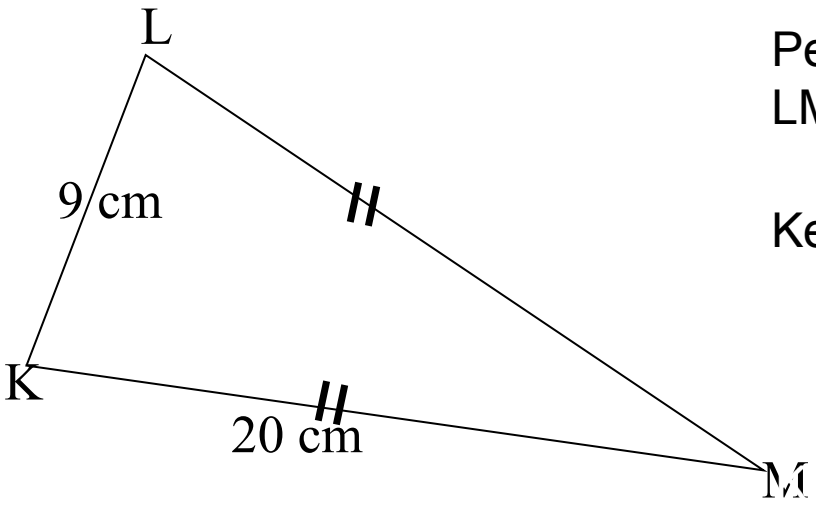
Keliling = 15 + 15 + 15

= 3 x 15

= 45

Jadi Keliling ABC 45 cm

Contoh Soal:
Hitunglah keliling segitiga di bawah ini!



Perhatikan tanda berkedip!
LM=MK, Jadi sama kaki.

Keliling = 9 + 20 + 20

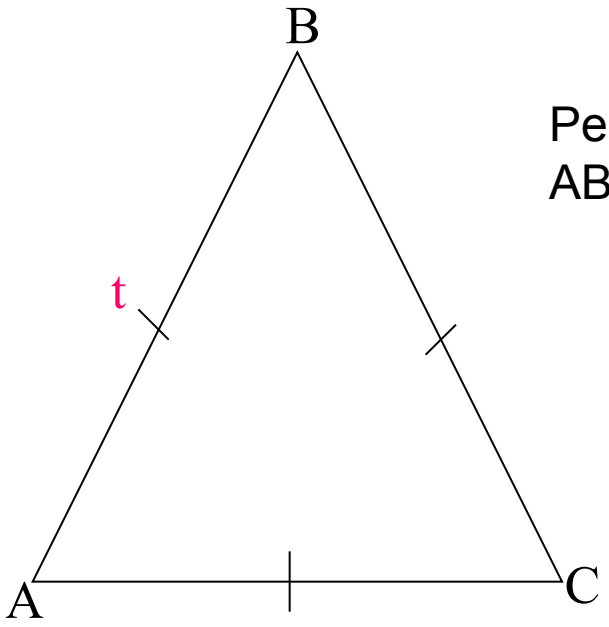
= 9 + 2 x 20

= 9 + 40

= 49

Jadi Keliling KLM 49 cm

Contoh Soal:
Jika keliling ABC = 18, berapa panjang AB



Perhatikan tanda berkedip!
AB=BC=CA=t ABC Sama sisi!

AB + BC + CA = Keliling

t + t + t = 18

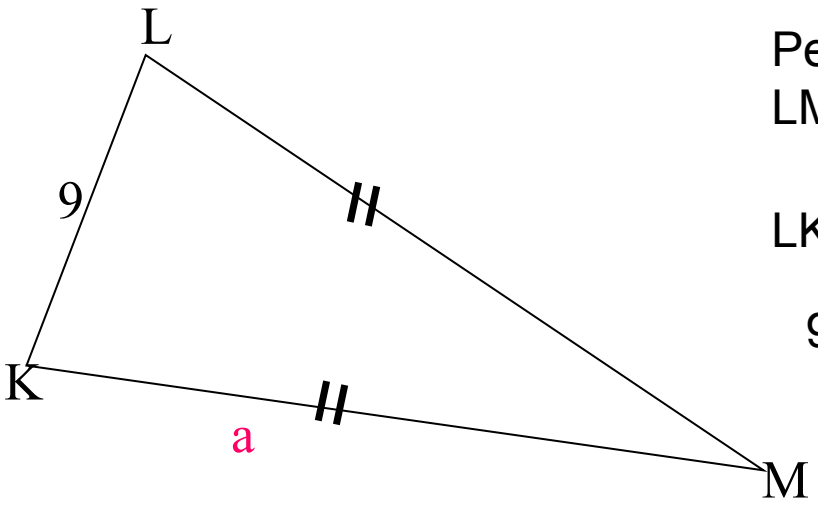
3 X t = 18

t = 18 : 3

t = 6

Jadi AB = 6

Contoh Soal:
Jika keliling KLM = 29, berapa panjang KM?



Perhatikan tanda berkedip!
LM=MK=a, Jadi sama kaki.

LK + KM + ML = Keliling

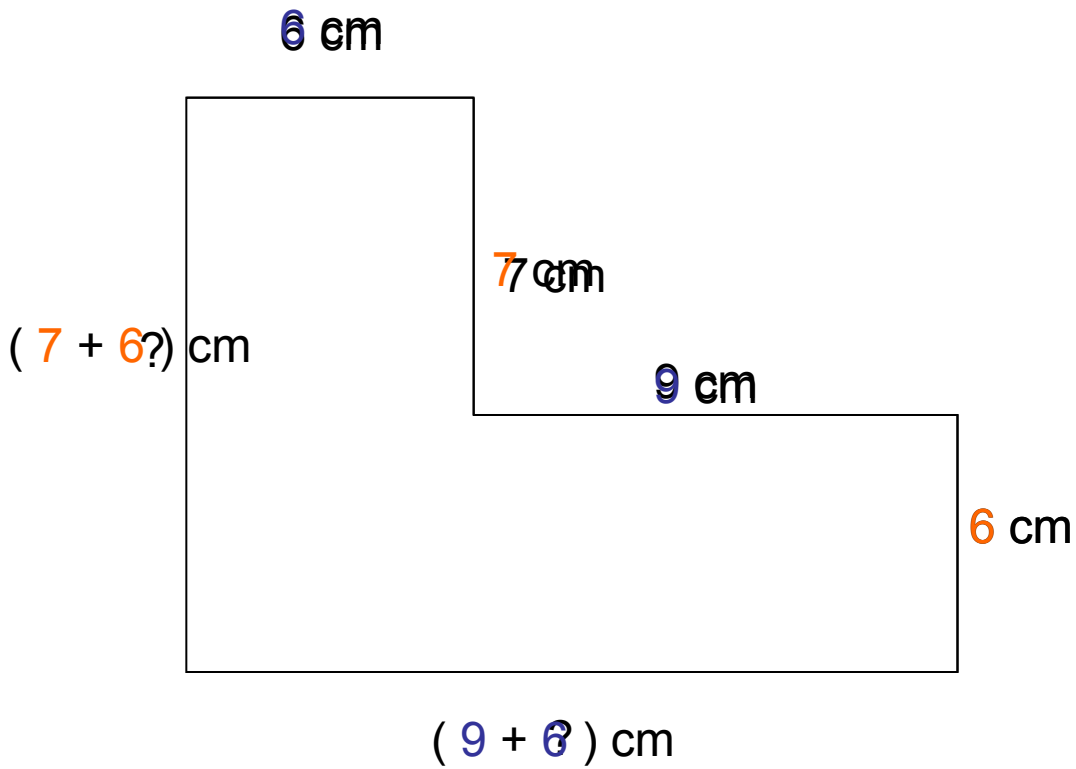
9 + a + a = 29

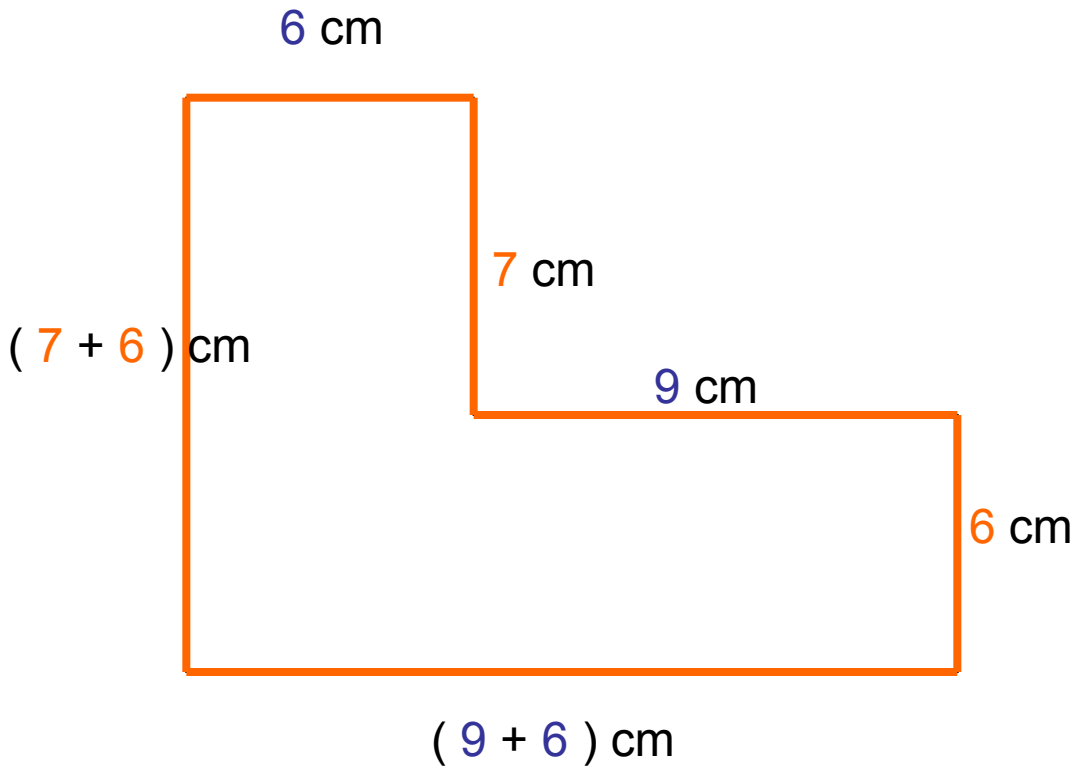
9 + 2a = 29

2a = 20

a = 10

Jadi KM = 10

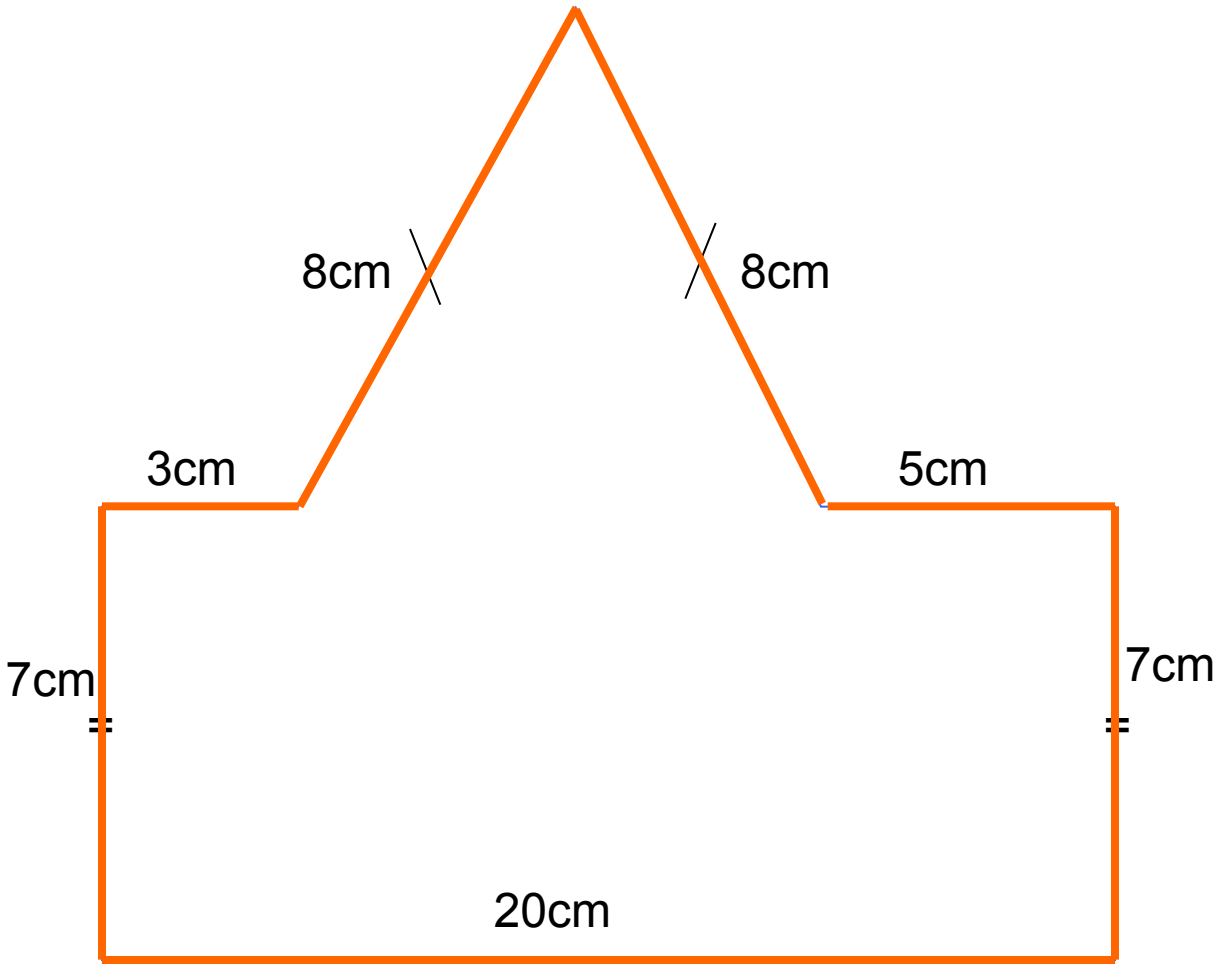

6 cm
7 cm
(7 + 6) cm
9 cm
6 cm
(9 + 6) cm



Keliling = 6 +7 + 9 + 6 + (9+6) +(7+6)

Keliling = 56

Jadi Keliling bangun tersebut 56 cm



Keliling = 20 + 7 + 5 + 8 + 8 + 3 + 7

= 58

Jadi keliling bangun tersebut 58 cm