

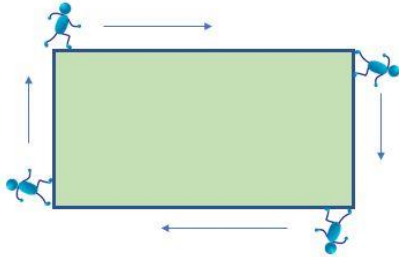
OBSEG LIKA

Kaj je obseg?

Obseg večkotnika je **vsota** dolžin vseh njegovih stranic.

(Na splošno je geometrijski lik lahko omejen tudi z neravnimi robnimi črtami. V tem primeru je obseg lika enak vsoti dolžin vseh krivulj, ki ta lik omejujejo.)

Oznaka za obseg je **ob**.



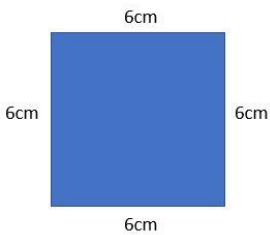
Gremo OKOLI in OKOLI in seštevamo dolžine stranic.

REŠENI PRIMERI:



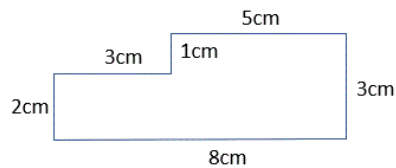
PRAVOKOTNIK s stranicama 2 cm in 7 cm ima obseg:

$$ob = 5 + 3 + 5 + 3 = 16 \text{ cm}$$



KVADRAT s stranico 6 cm ima obseg:

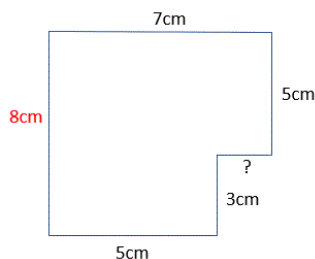
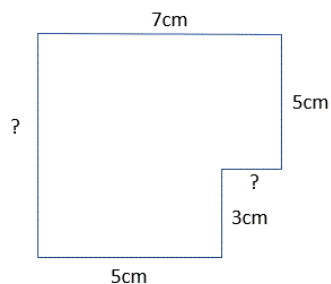
$$ob = 6 + 6 + 6 + 6 = 24 \text{ cm}$$



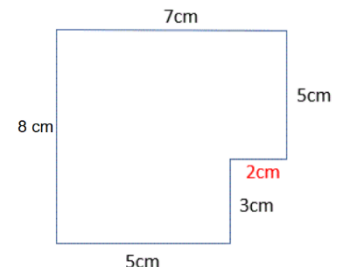
SESTAVLJEN LIK ima obseg:

$$ob = 8 + 3 + 5 + 1 + 3 + 2 = 22 \text{ cm}$$

SESTAVLJEN LIK z neznanimi dolžinami stranic:



$$5 \text{ cm} + 3 \text{ cm} = 8 \text{ cm}$$

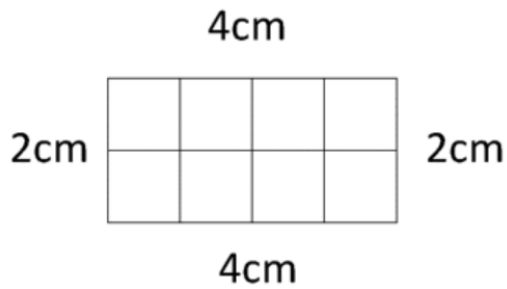


$$7 \text{ cm} - 5 \text{ cm} = 2 \text{ cm}$$

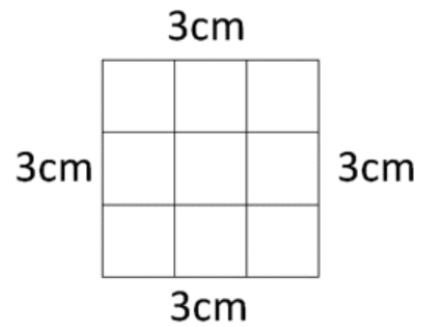
$$ob = 5 + 3 + 2 + 5 + 7 + 8 = 30 \text{ cm}$$

1. Izračunaj obsege likov.

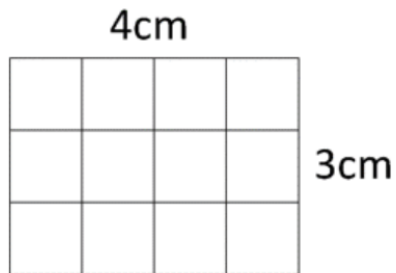
1)



2)



3)

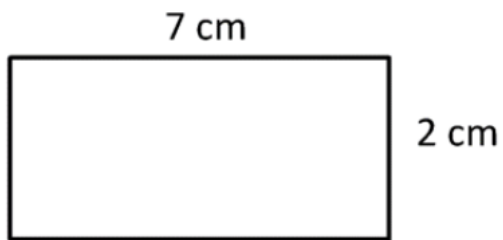


4)



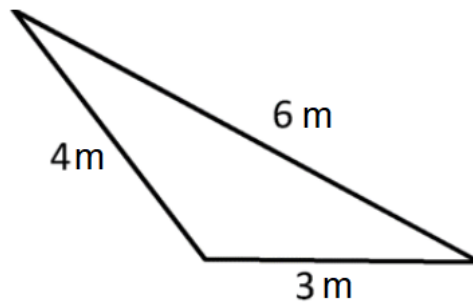
2. Izračunaj obsege likov.

1)



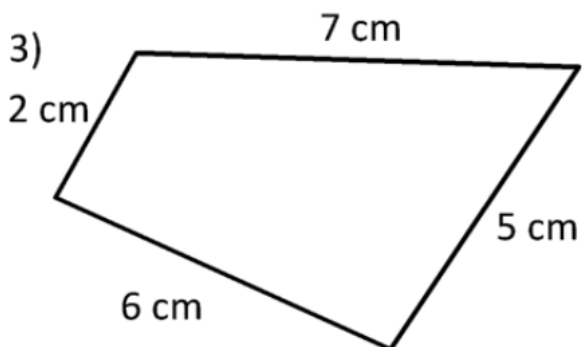
ob = _____ cm

2)



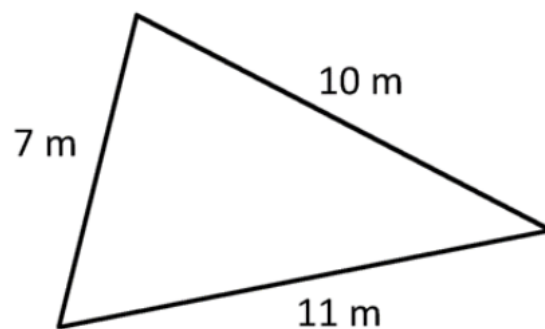
ob = _____ m

3)



ob = _____ cm

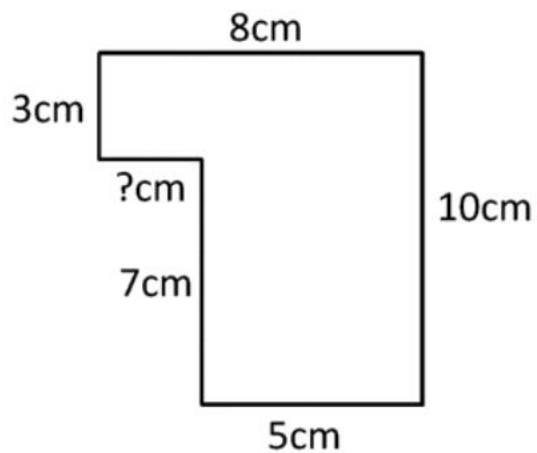
4)



ob = _____ m

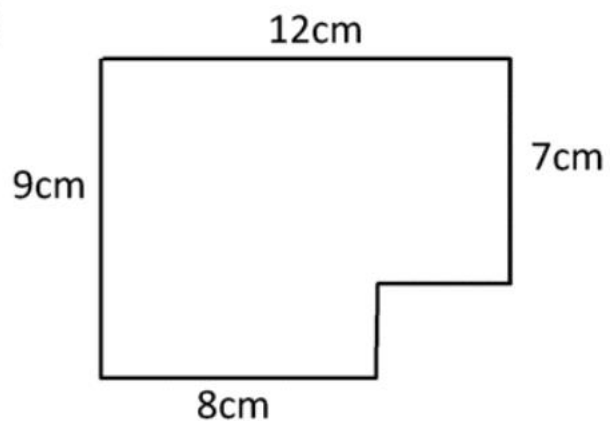
3. Izračunaj obsege likov. Najprej izračunaj neznane dolžine stranic.

1)



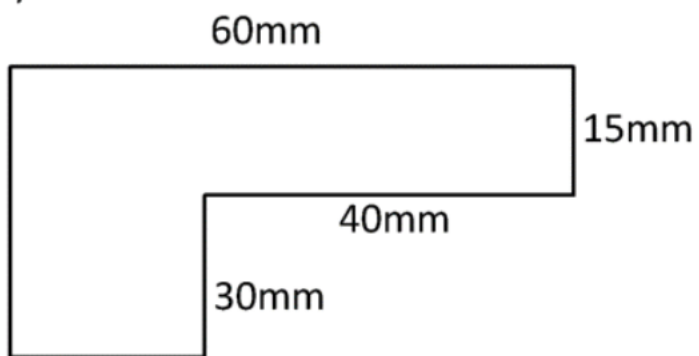
ob = _____ cm

2)



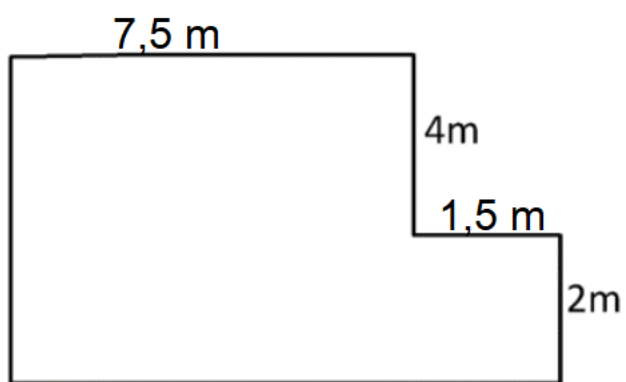
ob = _____ cm

3)



ob = _____ mm

4)

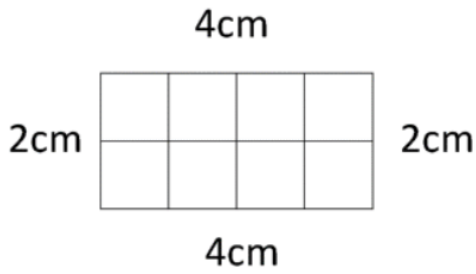


ob = _____ m

REŠITVE

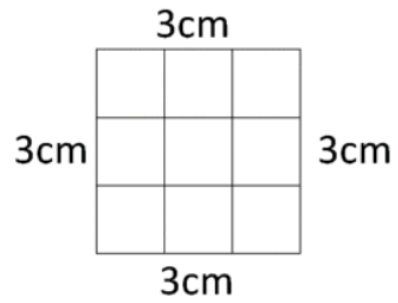
1.

1)



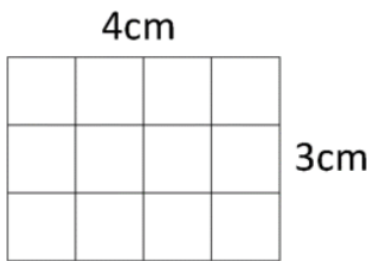
$$\text{ob} = 4+2+4+2 = 12 \text{ cm}$$

2)



$$\text{ob} = 3+3+3+3 = 12 \text{ cm}$$

3)



$$\text{ob} = 4+3+4+3 = 14 \text{ cm}$$

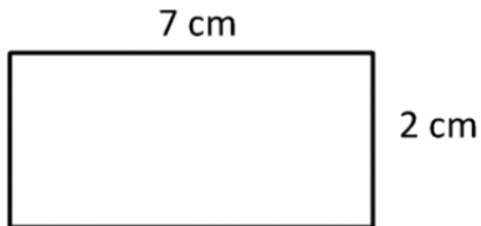
4)



$$\text{ob} = 6+2+6+2 = 16 \text{ cm}$$

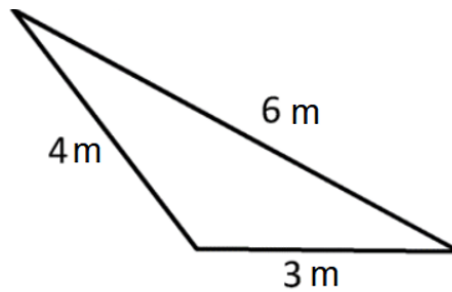
2.

1)



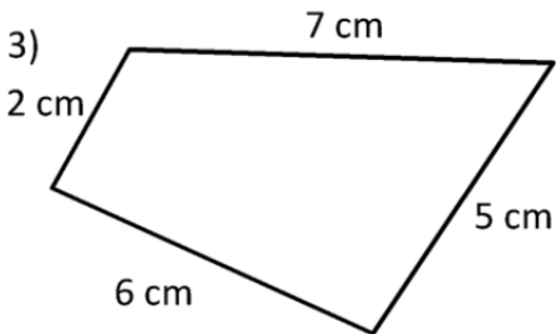
$$\text{ob} = \underline{18} \text{ cm}$$

2)



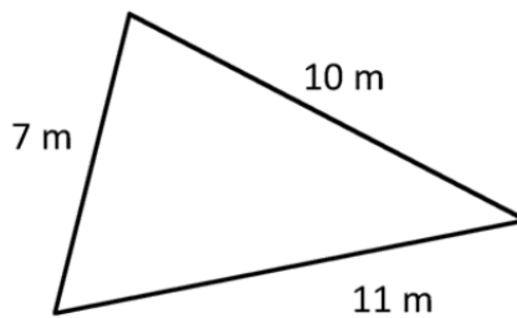
$$\text{ob} = \underline{13}$$

3)



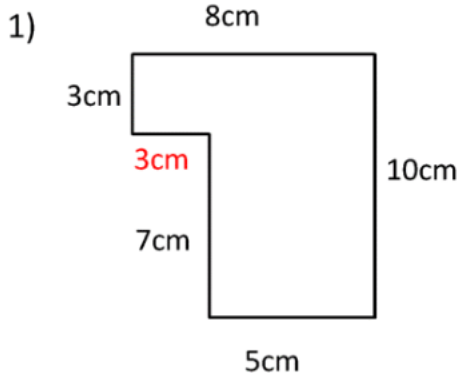
$$\text{ob} = \underline{20} \text{ cm}$$

4)

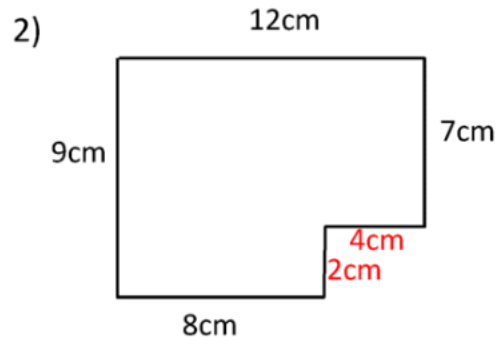


$$\text{ob} = \underline{28} \text{ m}$$

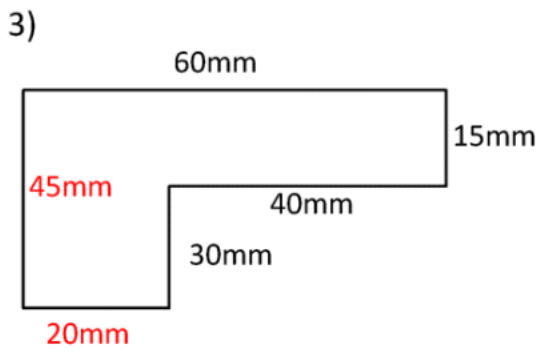
3.



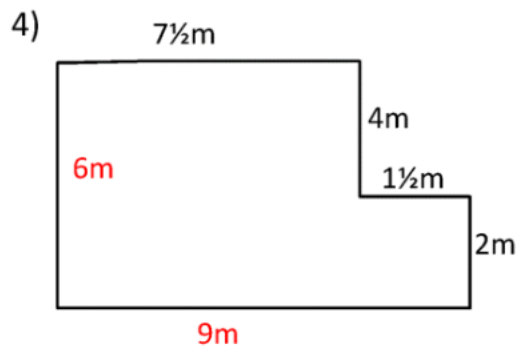
ob = 36 m



ob = 42 cm



ob = 210 mm



ob = 30 m