

Specifications

Circle for 1 person: The area of the one-person circle is 2.5 cm^2 .

After we transform the circle for 1 person into a rectangle, the area is the same.

The measurements are: 2.5 cm width and 1 cm length.

Circle for 2 persons: The area of the two-person circle is 4.4 cm^2 .

After we transform the circle for 2 persons into a isosceles triangle, the area is the same.

The measurements are: 4 cm for the base and 3 cm for the side.

Circle for 3 persons: The area of the three-person circle is 8 cm^2 .

After we transform the circle for 3 persons into a mouth, the area is the same.

The measurements are: $AB=4\text{cm}$

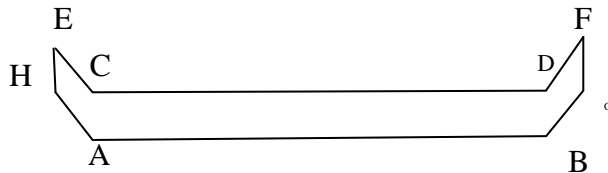
$$CD=4\text{cm}$$

$$BG=1,5\text{cm}$$

$$HA=1,5\text{cm}$$

$$EC=1,5\text{cm}$$

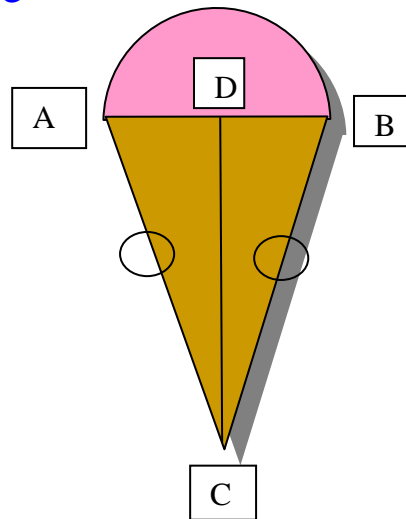
$$DF=1,5\text{cm}$$



Circle for 4 persons: The area of the four-person circle is 12 cm^2 .

After we transform the circle for 4 persons into a ice cream cone, the area is the same.

The measurement are:



$$AD=2\text{cm}$$

$$DB=2\text{cm}$$

$$AB=4\text{cm}$$

$$DC=3\text{cm}$$