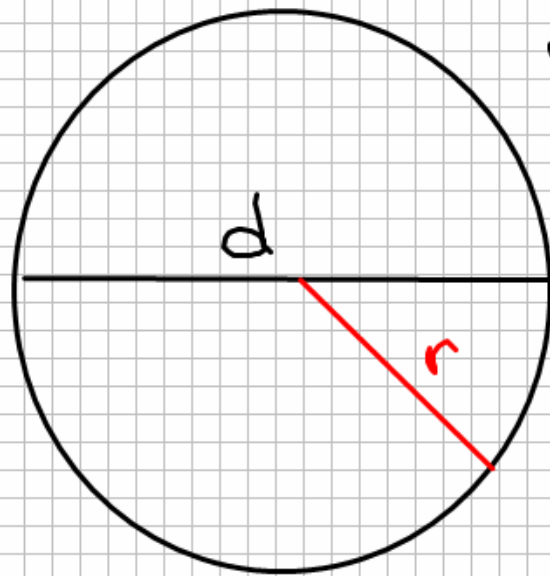


# Cirkelns omkrets & area.

1/5

$$O_c = d \cdot \pi$$

$$A_c = r \cdot r \cdot \pi$$



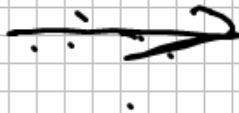
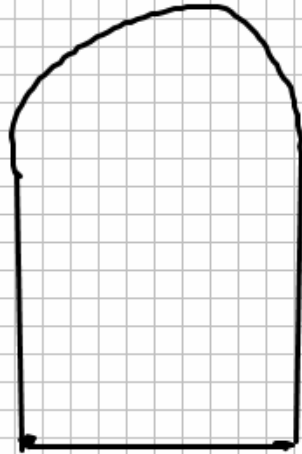
diameter (d)  
dubbel radie.

radie (r)

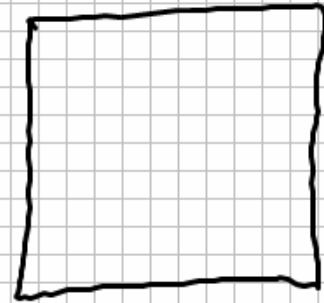
halva  
diametern

Att se "det osynliga" inom  
geometri.

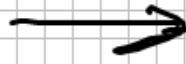
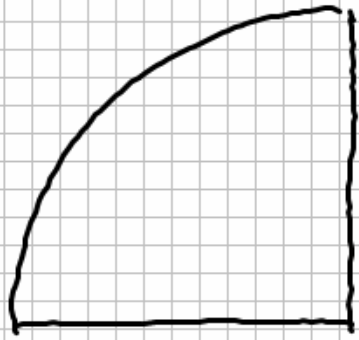
2/5



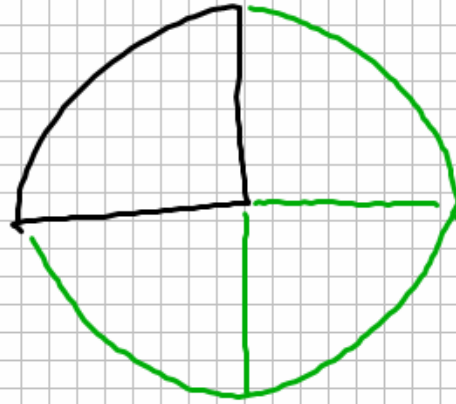
Halu  
cirkel



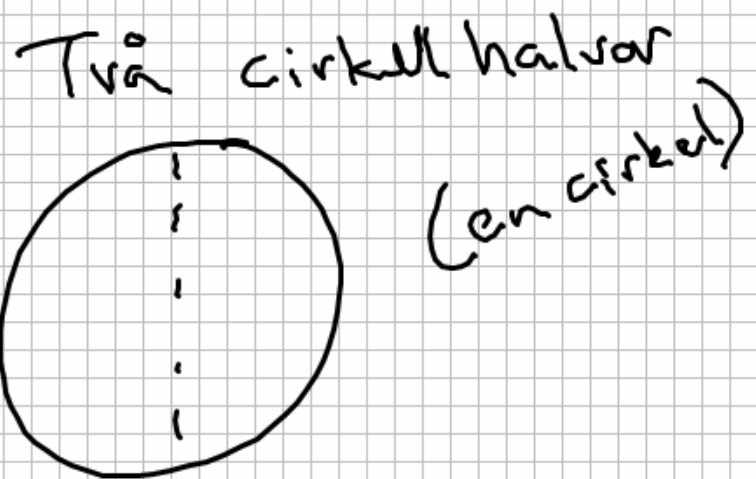
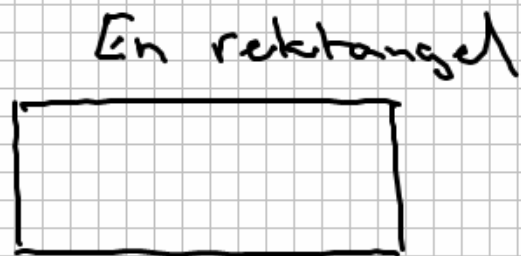
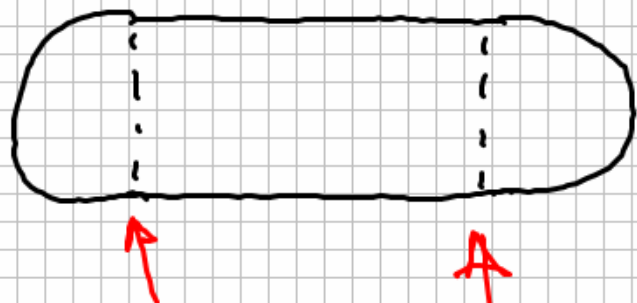
En  
kvadrant



En fjärdedels cirkel.  $\frac{3}{5}$



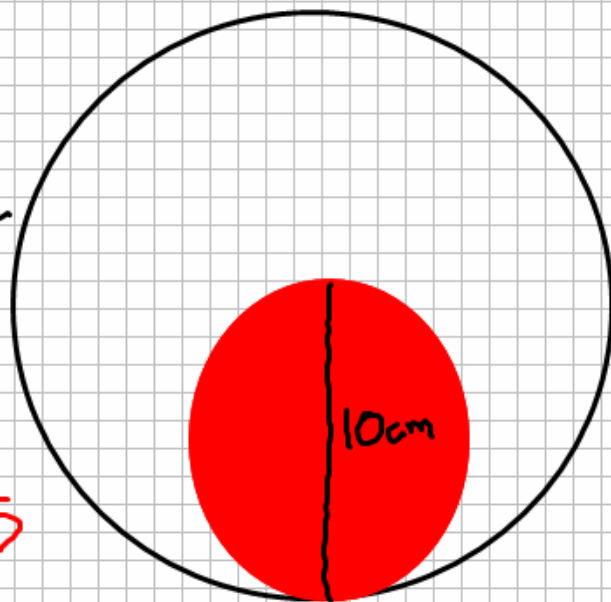
$$\frac{1}{4}$$



akta er för  
att addera dessa  
sidor till  $O_1$

"röd" är mindre än svart

röd diameter = svart radie



$$A_2 = 5 \cdot 5 \cdot 3,14 = 78,5$$

$$A_3 = 10 \cdot 10 \cdot 3,14 = 314$$