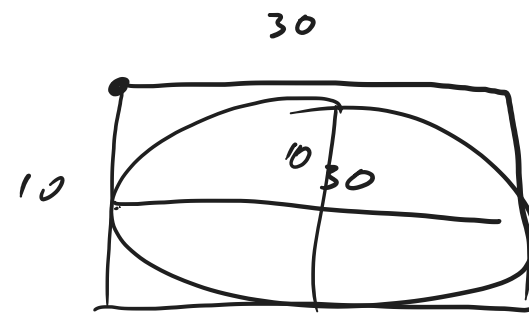
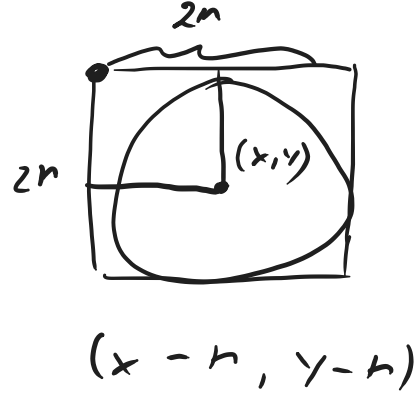
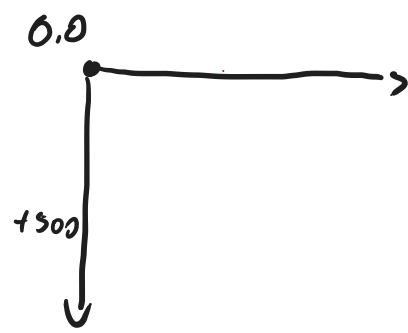
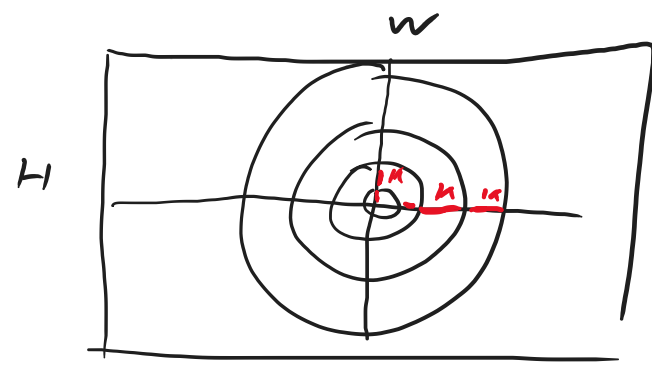


1.



broj krugova

$$n \cdot h = \min(H/2, w/2)$$

$$n = \left\lfloor \frac{\min(H/2, w/2)}{h} \right\rfloor$$

1. Crtao krug centar $(w/2, H/2)$, $r = h$

2. -11-

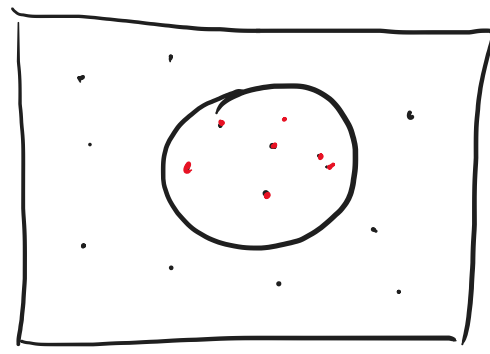
$$(w/2, H/2), r = 24$$

$$r = 3h$$

$$\vdots$$

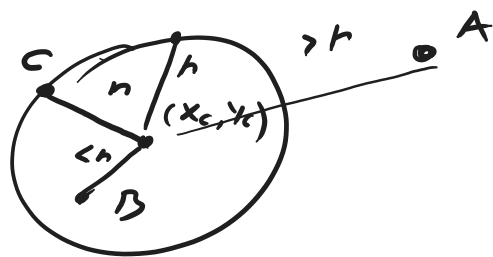
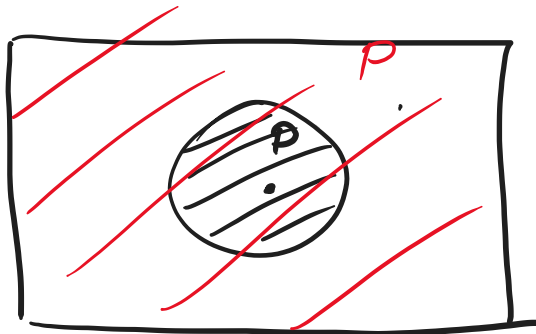
$$r = nh$$

2.



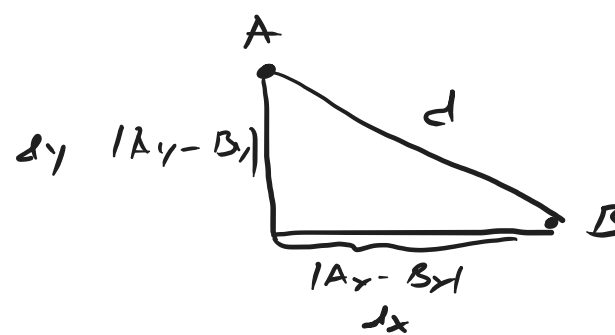
$$n = 50 \quad n_h = 12$$

$$\frac{12}{50}$$



$$kociica = \frac{1}{6}$$

$$1, 2, 3, 4$$



$$d = \sqrt{\dots}$$

Bacim kocicu 1000 puta

$$1: 0.154$$

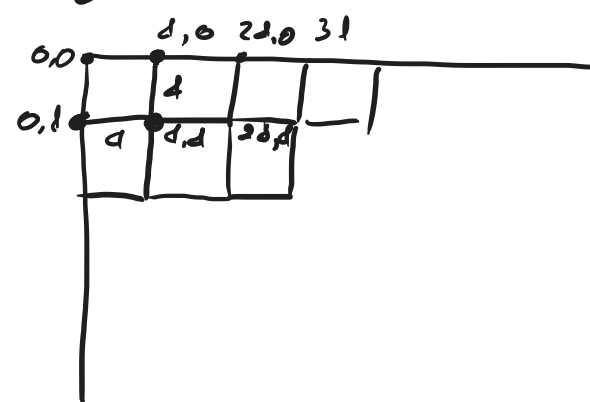
$$2: 0.167$$

:

$$\frac{P_h}{P_D} = \frac{r^2 \pi}{w \cdot h}$$

$$\sim \frac{n_h}{n} \quad \frac{r^2 \pi}{w \cdot h} = \frac{h^2 \pi}{w \cdot h} = \frac{h}{w} \cdot \pi$$

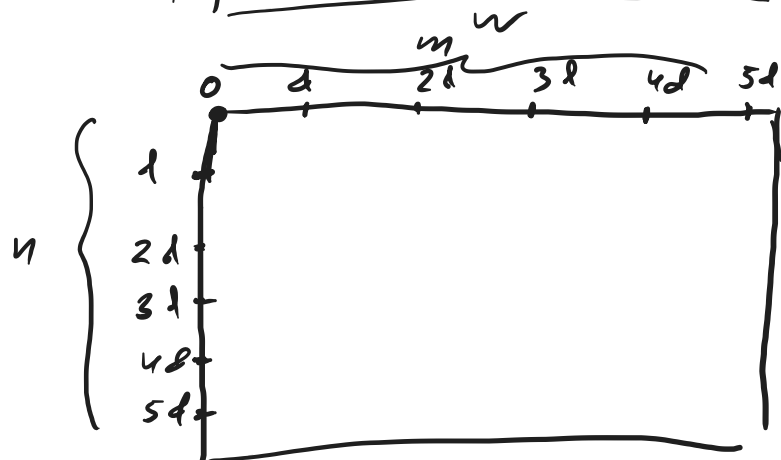
$$\pi = \frac{h}{w} \cdot \pi$$



3. Igra života

	0	1	2	3	4	5
0						
1						
2						
3						
4						

$$M = \begin{bmatrix} 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 1 & 0 \\ \vdots & \vdots & \vdots & \vdots & \vdots & \vdots \end{bmatrix}$$



$$m \cdot d = w$$

$$m = \left\lfloor \frac{w}{d} \right\rfloor \leftarrow \text{broj kolona}$$

$$n \cdot d = h$$

$$n = \left\lfloor \frac{h}{d} \right\rfloor \leftarrow \text{broj redova}$$