

**Zadatak 54.**

Grafički prikaži skup rješenja sustava nejednadžbi:

1) 
$$\begin{cases} (x+1)^2 + (y-2)^2 \leqslant 16, \\ (x+1)^2 + (y-2)^2 \geqslant 9; \end{cases}$$

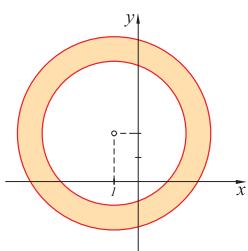
2) 
$$\begin{cases} (x+3)^2 + (y-3)^2 \leqslant 8, \\ (x+1)^2 + (y-1)^2 \leqslant 8; \end{cases}$$

3) 
$$\begin{cases} x^2 + (y+4)^2 \leqslant 16, \\ x^2 + (y+2)^2 \geqslant 4; \end{cases}$$

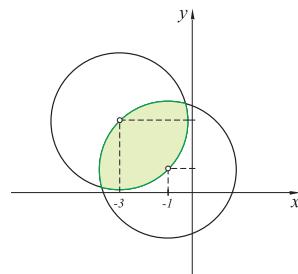
4) 
$$\begin{cases} (x-3)^2 + (y-3)^2 \leqslant 18, \\ x^2 + y^2 \geqslant 1. \end{cases}$$

**Rješenje.**

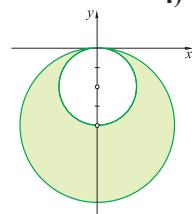
1)



2)



3)



4)

