



# Level 5

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LEVEL 5

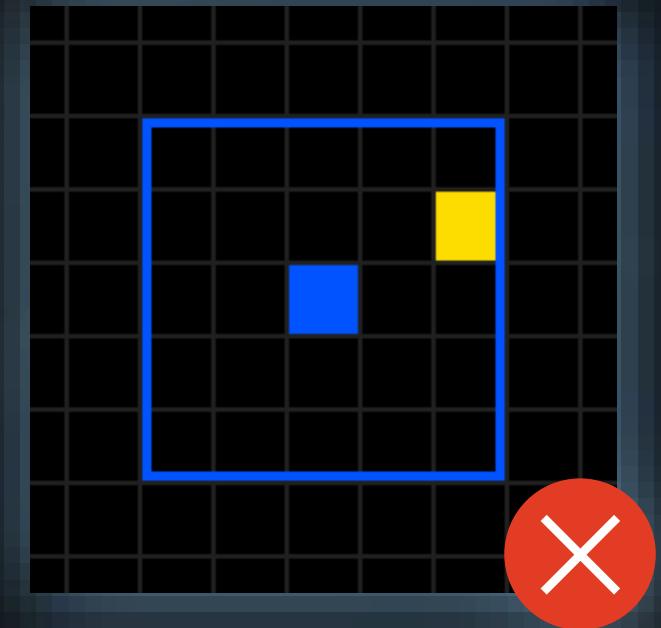
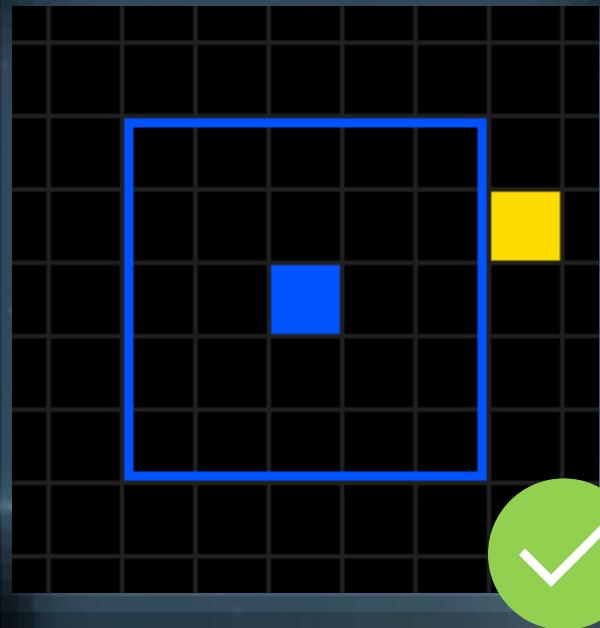
# Beware! Here be Asteroid!

- You are given the position of exactly 1 stationary asteroid
- Steer your spaceship to the station
- **Your spaceship must not collide with the asteroid**
- Collisions are explained on the next slide
- *The given time limit is very generous; you don't need a fast solution*



# Collisions

- The asteroid has a size of 1
- Your spaceship has a size of 1 as well.  
However, it has a square shaped safety area with a radius of 2 around it
- If the asteroid penetrates this safety area, it counts as a collision



# Input

Name	Description	Example
N	Number of cases	3 6,0 118 3,0 10,4 112 7,4
Space station and time limit	The X-position and the Y-position of the space station separated by a comma Followed by the time limit separated by a space	-7, -7 124 -4, -4
Asteroid	The X-position and the Y-position of the asteroid separated by a comma	

# Output

format identical to previous level

# Good Luck!



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