

ZERO ROBOTICS

ISS PROGRAMING CHALLENGE

Coordinate Hunt





- Your antenna on the ISS is broken and NASA is trying to send you directions on how to fix it. But NASA has to send the directions to your alternate antenna, which only transmits encrypted data and the message is appearing as nonsensical sequences of numbers!
- Follow these steps to reconnect with the space station and survive this disaster:

25-15-21 14-5-5-4 20-15 16-18-5-19-19 20-8-5 16-15-23-5-18
2-21-20-20-15-14!



Team 1: The x and y coordinates add up to 0. The x coordinate is exactly 2 units smaller than the y coordinate.

→ $(-1,1)$

• Team 2: The x and y coordinates add up to 0. The x coordinate is exactly 4 units smaller than the y coordinate.

→ $(-2,2)$

• Team 3: The x and y coordinates add up to 0. The x coordinate is exactly 6 units smaller than the y coordinate.

→ $(-3,3)$

• Team 4: The x and y coordinates add up to 0. The x coordinate is exactly 8 units smaller than the y coordinate.

→ $(-4,4)$



You need to press the power button!

