

1. Which of the following directions can a robot face?

~~A. northeast~~

B. east

~~C. south-southwest~~

D. north

~~E. 164 degrees~~

~~F. vertical~~

~~G. down~~

2. What things other than robots can be found in the robot world?

Beepers, walls, avenues, streets

3. Which of the things listed in Problem 2 can a robot manipulate or change?

Beepers

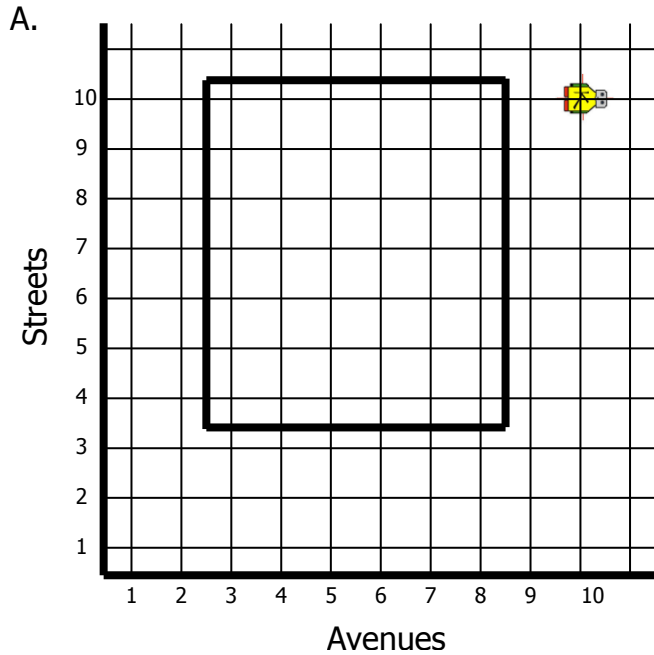
4. What reference points can be used in the robot world to describe a robot's exact location?

Avenues, streets, direction

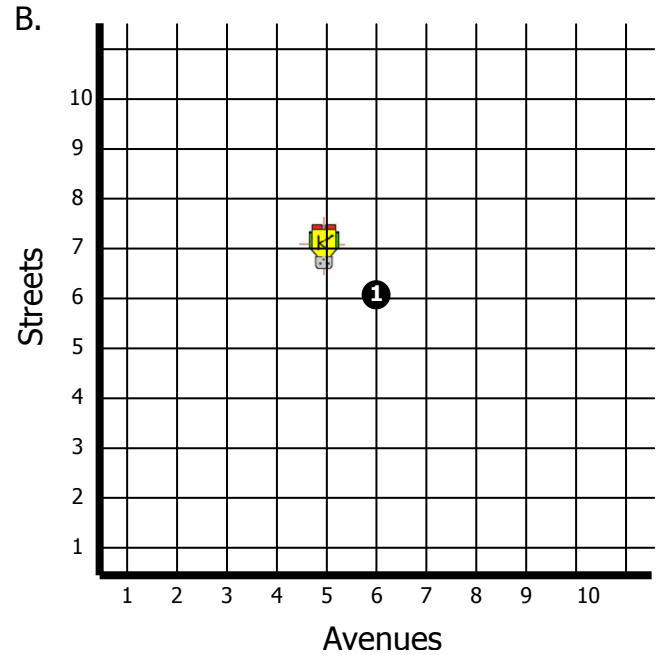
5. How many robots can we have in a given robot world?

Unlimited

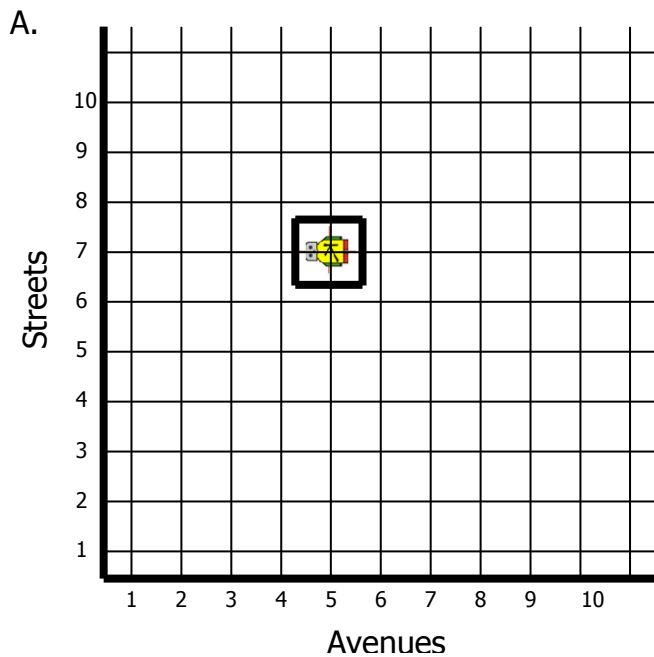
6. Give the absolute location of each robot in each of the worlds shown in the figures below.



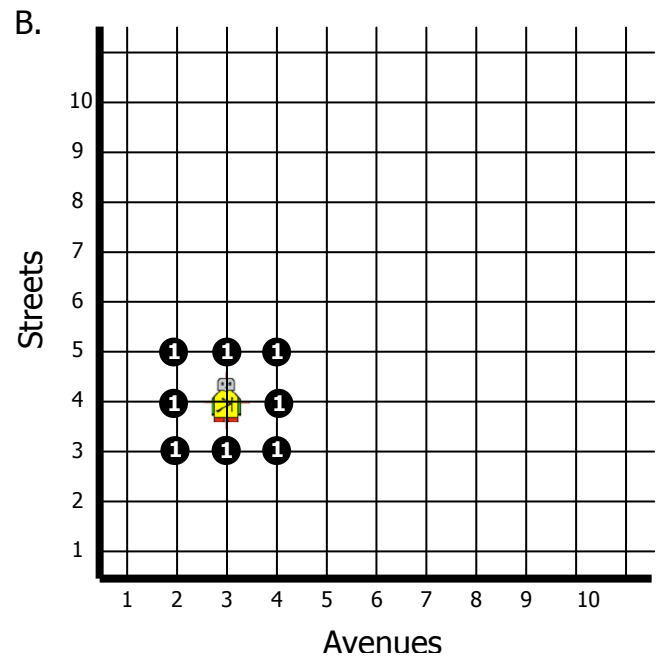
Location: 10,10, east



Location: 7,5, south



Location: 7,5, west



Location: 4,3, north