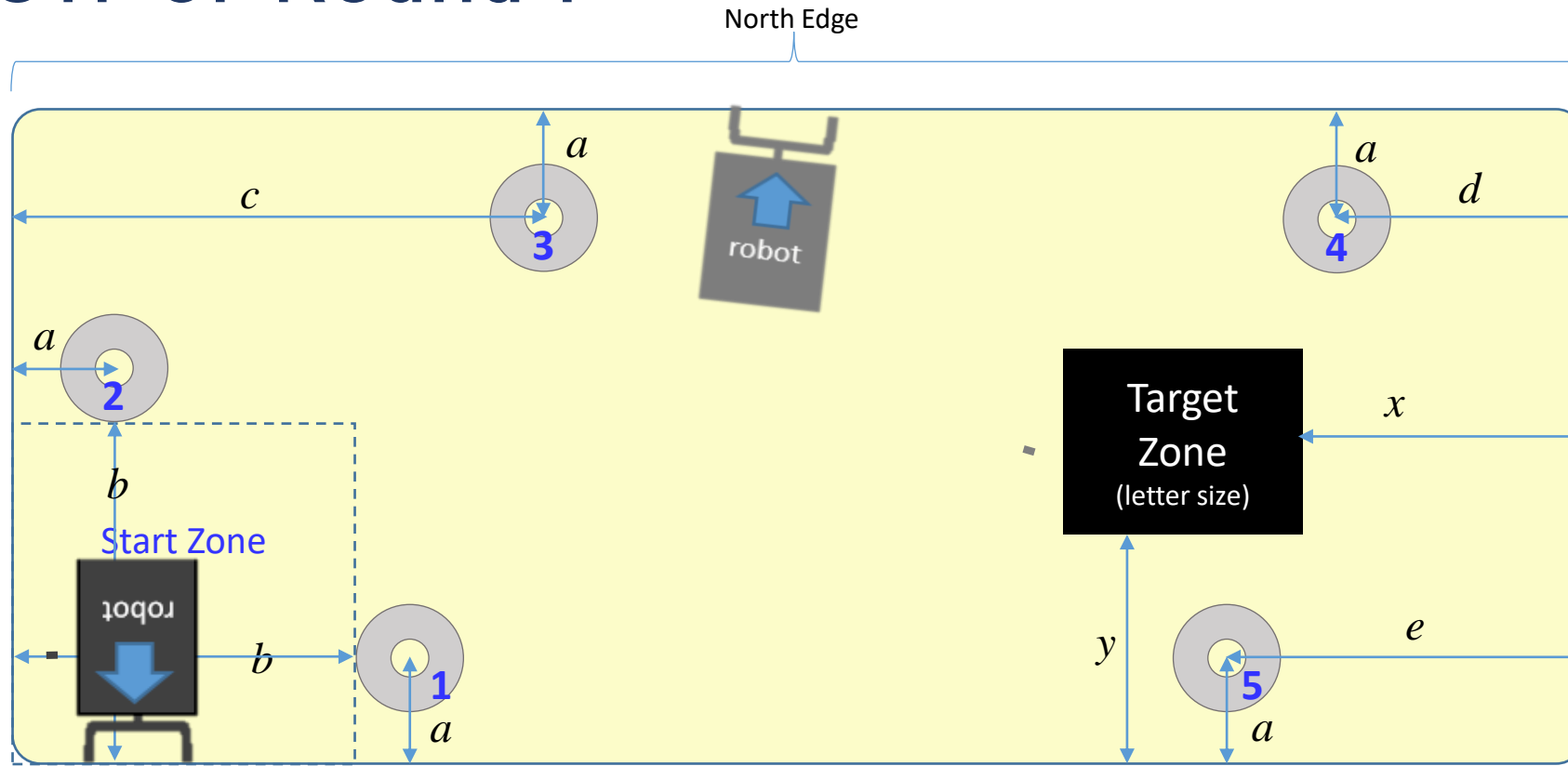


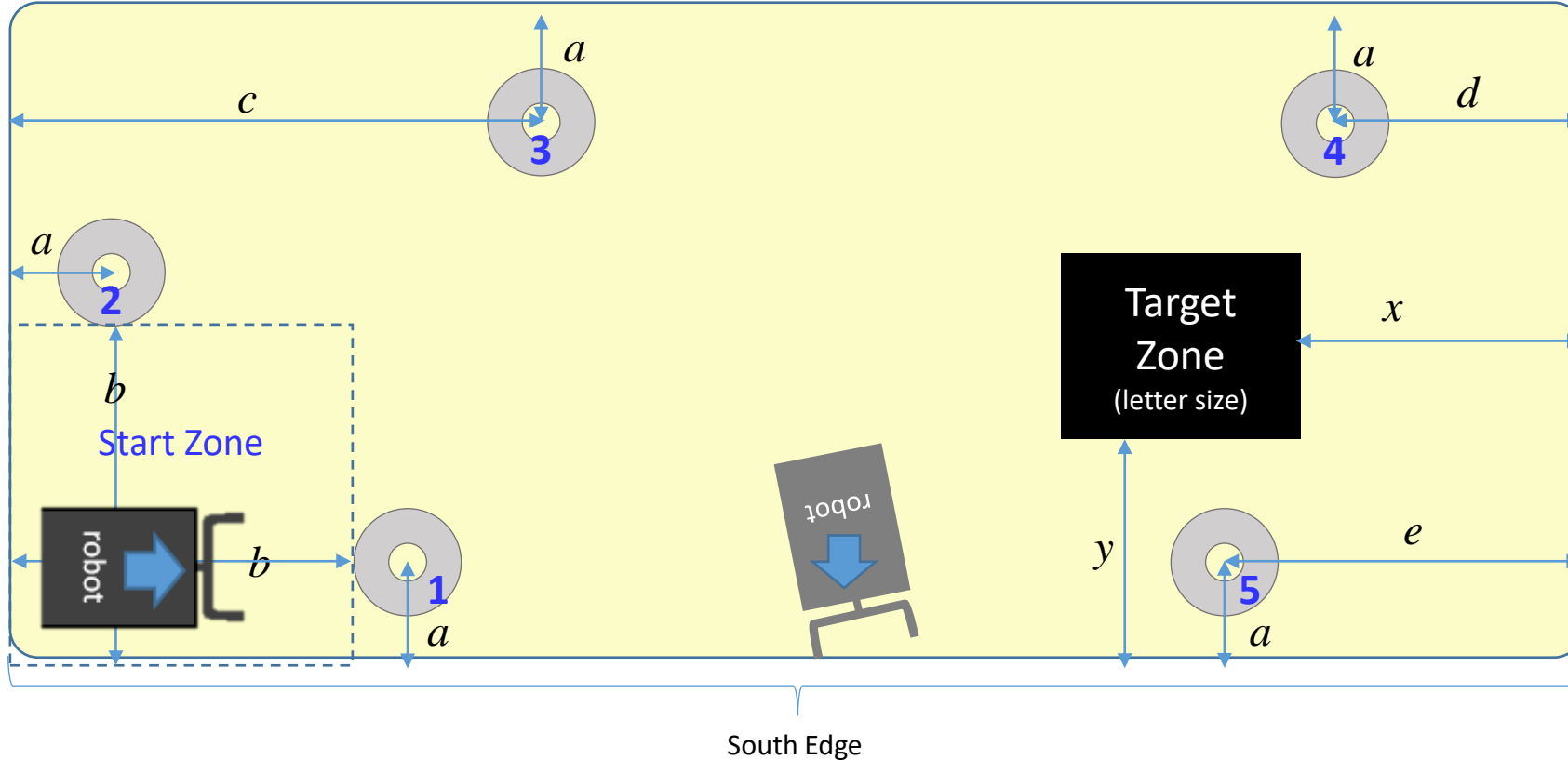
UTF Jr Round 1



a	12 cm (measure to the center of roll)
b	50 cm (measure to the edge of roll)
c	75 cm (measure to the center of roll)
d	50 cm
e	55 cm
x	40 cm
y	27 cm

- The starting location, orientation of the robot: in the Start Zone facing South edge. See the diagram above
- Roll #4 and #5 location: see the values d and e in the table upper right
- Game-Ending task: Detect the North edge and stop there. The robot must be stopped with a sensor positioned over the North edge (see the robot in light gray color)

UTF Jr Round 2



a	12 cm (measure to the center of roll)
b	50 cm (measure to the edge of roll)
c	75 cm (measure to the center of roll)
d	45 cm
e	65 cm
x	40 cm
y	27 cm

- The starting location, orientation of the robot: in the Start Zone facing east. See the diagram above
- Roll #4 and #5 location: see the values d and e in the table upper right
- Game-Ending task: Detect the South edge and stop there. The robot must be stopped with a sensor positioned over the South edge (see the robot in light gray color)