

## 1. Draw

Make the sprite ask for an input. Draw a regular polygon with the number of sides equal to the number inputted. For example, if 4 is inputted, draw a square.

## 2. New Sorting Algorithm

Kenny had a new idea for a way to sort numbers. He thinks that he could create a sorted sequence of numbers by going through the sequence, until he finds a number that is out of order. He will remove that number from the sequence, and start from the beginning. For example:

1 5 3 6 2 4 9 (3 is removed)

1 5 6 2 4 9 (2 is removed)

1 5 6 4 9 (4 is removed)

1 5 6 9 ( final product)

### 3. Steps

Sam and John is in a PE lesson, and is doing exercises. You should ask for 3 inputs: A,B and C. Sam is running A meters forward, than A meters back. John is running B meters forward, than B meters back. Assuming they run at the same speed, and start at the same place and same time. Would John or Sam be in front of the other, when they have both ran C meters?