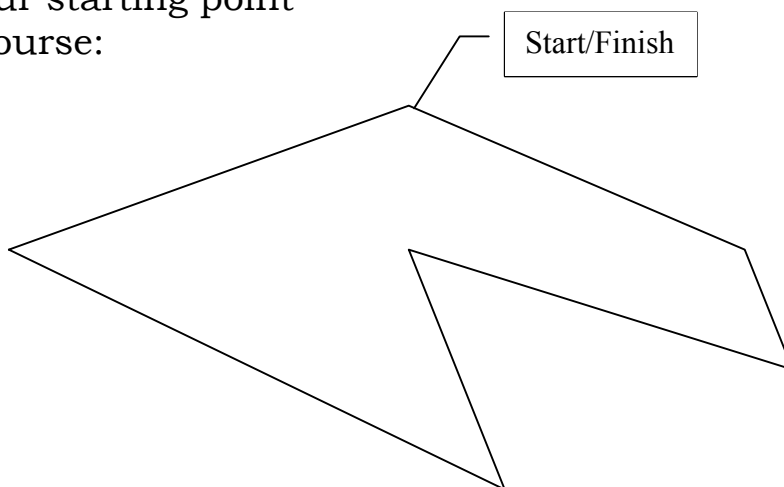


USING MAGIC NUMBER

1. Mark out a course for students to follow.

- Change directions often
- Use different distances
- End at your starting point
- Sample Course:



2. Have students set up a data table in their notebook with the following columns:

- Magic Number - from Day 1 (use same number each time)
- Bearing - from compass
- Pace Count - number of steps counted
- Distance - Magic Number times Pace Count
- Scale - Distance divided by number of yards or feet teacher chooses

3. Have students walk each part of the course one at a time.

- One student determines the bearing using a compass; everyone records that number in a notebook.
- Count every other step and record on a chart in their notebook.
- Make sure students walk in as straight a line as possible.