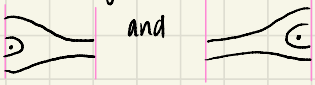
* Instructions:

Given a 4-tuple [p, a, b, r],
1. Draw the diagram
2. construct the complex
3. identify whether we have two 3-sided regions or one 4-sided region
4. Discuss the rainbow structure & how it affects the gradings.
5. which generator is in the topmost grading?

4-tuples: [5,1,1,2], [5,2,0,2], [7,2,1,3], [7,2,0,4] ← you do these

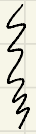
* regions:

3-sided region:

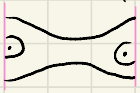


and





4-sided region

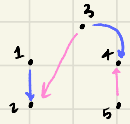


*example: [5,1,0,4]

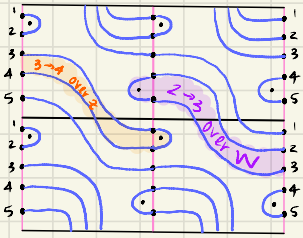
→ disks containing z
→ disks containing w

1. Draw diagram

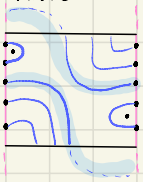
2. construct complex




4 tiles from universal cover




3. we have one 4-sided region



4. rainbows do not intersect.


5. Topmost generator is 1.