

5 Thursday Agenda

5.1 Rotations

1. Definition:
 - using an angle θ explicitly.
 - using an angle θ implicitly.
2. How do we show that rotations preserve length?
3. What else do rotations preserve?
4. Compositions of rotations
5. Group of rotations \mathcal{R}
6. Students' understanding of rotations

5.2 Reflections

1. Definition:
 - without coordinates
 - with coordinates
2. How do we show that reflections preserve length?
3. What else do reflections preserve?
4. Group of reflections?
5. Students' understanding of rotations

5.3 Wishful Thinking?

Review and work on Alice's problems