

1. Make sense of problems and persevere in solving them

6. Attend to precision

2. Reason abstractly and quantitatively

3. Construct viable arguments and critique the reasoning of others

4. Model with mathematics

5. Use appropriate tools strategically

7. Look for and make use of structure.

8. Look for and express regularity in repeated reasoning.



Reasoning and explaining



Modeling and using tools



Seeing structure and generalizing



Overarching habits of mind of a productive mathematical thinker.