

# 8 Mathematical Practices

1) Make sense of problems and persevere in solving them.

Mathematical Practice #1:

I CAN SOLVE  
PROBLEMS  
WITHOUT GIVING UP.

2) Reason abstractly and quantitatively.

Mathematical Practice #2:

I CAN THINK  
ABOUT NUMBERS IN  
MANY WAYS.

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3) Construct viable arguments and critique the reasoning of others.

Mathematical Practice #3:

I CAN EXPLAIN MY  
THINKING AND TRY TO  
UNDERSTAND OTHERS.

4) Model with mathematics.

Mathematical Practice #4:

I CAN SHOW  
MY WORK  
IN MANY WAYS.

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5) Use appropriate tools strategically.

Mathematical Practice #5:

I CAN USE MATH  
TOOLS AND EXPLAIN  
WHY I USED THEM.

6) Attends to precision.

Mathematical Practice #6:

I CAN WORK  
CAREFULLY AND  
CHECK MY WORK.

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7) Look for and make use of structure.

Mathematical Practice #7:

I CAN USE WHAT I KNOW TO SOLVE NEW PROBLEMS.

8) Look for and express regularity in repeated reasoning.

Mathematical Practice #8:

I CAN SOLVE PROBLEMS BY LOOKING FOR RULES AND PATTERNS.