

Language OF THE MATH PRACTICES

MATH PRACTICE 1

Make sense of problems and persevere in solving them.

“Hard” just means your brain needs practice.

We don't give up.

I can solve a problem without giving up.

I can check my work.

MATH PRACTICE 2

Reason abstractly and quantitatively

What does that number mean?

I can use numbers and words to solve.

I know what the numbers mean.

MATH PRACTICE 3

Construct viable arguments and critique the reasoning of others.

HOW does your brain know?

I can explain to others how I solved a problem.

I can talk about different strategies.

MATH PRACTICE 4

Model with mathematics.

Show me two ways.

I can show my work in different ways.

I can understand how others modeled the problem.

MATH PRACTICE 5

Use appropriate tools strategically.

What tool COULD you use?

I can use tools, drawings, and models.

I can pick the right tool for the problem.

MATH PRACTICE 6

Attend to precision.

Are you sure? How can you check?

I can check my work a few ways.

I can use precise language.

MATH PRACTICE 7

Look for and make use of structure.

What do you notice?

I can use what I know to solve problems.

I can find patterns.

MATH PRACTICE 8

Look for and express regularity in repeated reasoning.

Have we seen this before?

I can look for shortcuts.

Is there a shortcut?

I can break numbers apart and put them back together.