

Think like a Mathematician!
When you answer questions, share your ideas clearly and listen to your classmates. Share your thinking by using words, drawings, objects, or different math tools. Together, you can have fun discovering new ideas!

- Another way to solve this would be to...
- Another way to think about this is...
- Something I learned is...



Analyze the ideas or results:

- One way these ideas are the same is...
- One way these ideas are different is...
- I wonder...
- One idea I have is...
- I think _____ are the best ideas because...



Reflect on your thinking:

- I notice...
- Something I already know about this is...
- One thing this makes me think of...



Think about what you already know:

- Something else I know about this topic is...
- This is like _____ because...
- One place I will use what I learned is...



Stretch your thinking:

- I agree with _____ because...
- I would like to share an example to help explain. My example is...
- I would like to share a non-example to help explain. My example is...
- I changed my mind because...



Challenge and clarify your thinking:

Engaged Speaker



Active Listener



Think about what you already know:



- What do you notice?
- What do you already know about this?
- What do you know that this is related to?

Reflect on your thinking:



- What do you wonder?
- What strategies or ideas do you have?
- Why do you think those are the best ideas?

Analyze the ideas or results:



- How do the ideas shared compare?
- What are the other ways we can solve this problem or think about this idea?
- What did you learn?

Stretch your thinking:



- What else do you know about this topic?
- How does this relate to other things you have learned?
- How might you use this in the future?

Challenge and clarify your thinking:



- What do you agree with? Why?
- What would happen if _____ ?
- How could you think about this differently?
- What example or non-example can you share to clarify your thinking?
- Based on what you heard would you like to revise your thinking? Why?

Think like a Mathematician!

When you ask questions, listen to your classmate's response. Focus on how your classmate explains their thinking, and ask clarifying questions. By asking questions and listening to their answers, you can learn new things and have fun discovering new ideas together!