

What Is Math Discourse?

Math discourse simply means talking about math. When students talk about math, they process ideas more critically, develop perseverance, and retain what they learn.

Try using these Discourse Cards when your student is working on math to help get the conversation going!





Tips and Guidance for Using the Math Discourse Cards

- ✓ Focus most on the mathematical thinking and strategies your student uses, not just on getting the correct answer.
- Help your student by asking curious questions so they can think through a solution strategy and fix their own mistakes.
- ✓ Use language that builds a growth mindset. Praise effort and determination rather than correct answers or being smart. Some examples of what you can say:

"That was a great explanation."

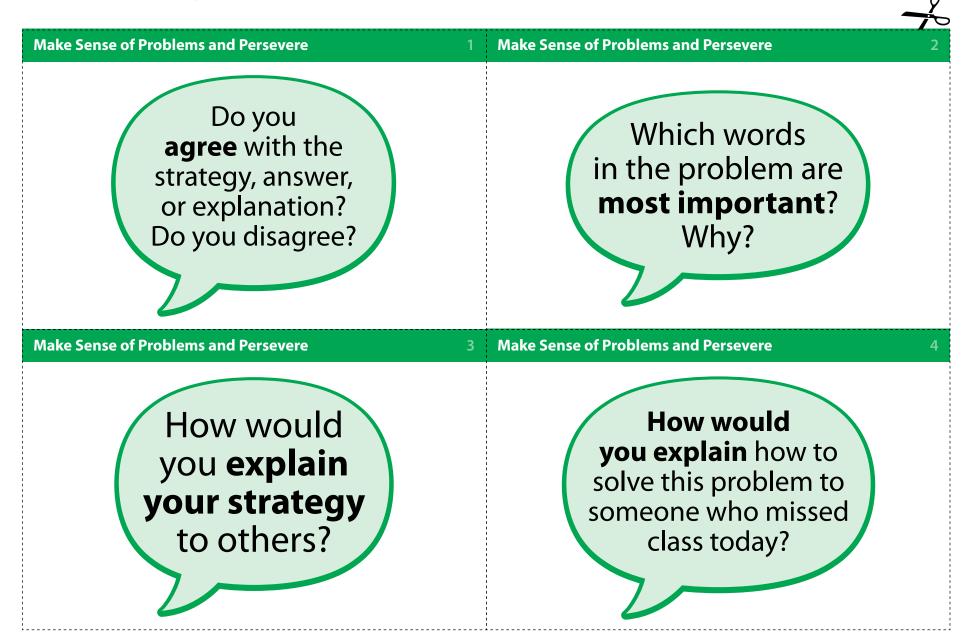
"I can see you've worked hard on this problem."

"I'm really proud that you kept going even when you got stuck."

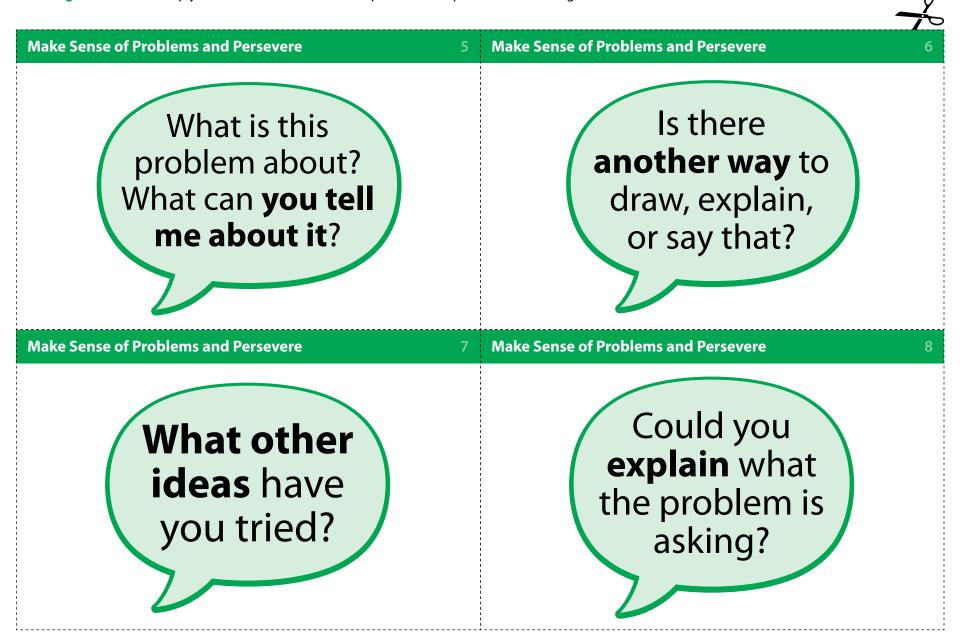
"The strategy you used was really clever because . . ."

- ✓ Ask your student to explain their thinking. Help your student think through their ideas more fully so you can better understand their thought process by asking them to explain their thinking—especially if you are using a card that asks a yes or no question.
- ✓ Be patient with yourself and your student, and don't give up. It may take several tries to really get the conversation going.
- ✓ Know when your student has had enough. Frequent but brief sessions may be better than longer ones depending on your student's age and their level of attention.
- ✓ Always keep it fun and positive. If your student's interest wanes or they get frustrated, set aside the Discourse Cards and try again another time.

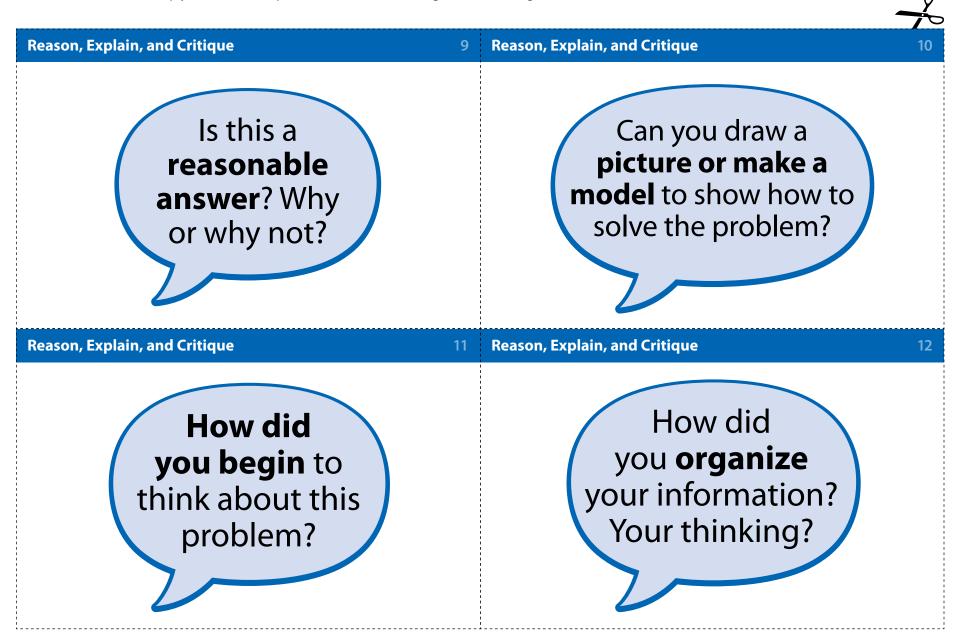
Use the green cards to help your student make sense of a problem and persevere in solving it.



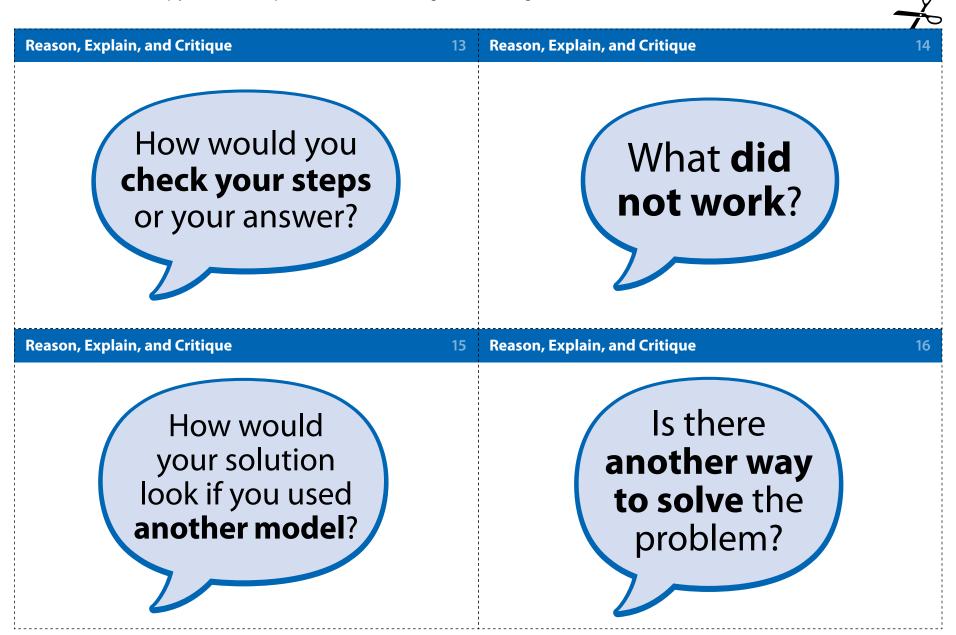
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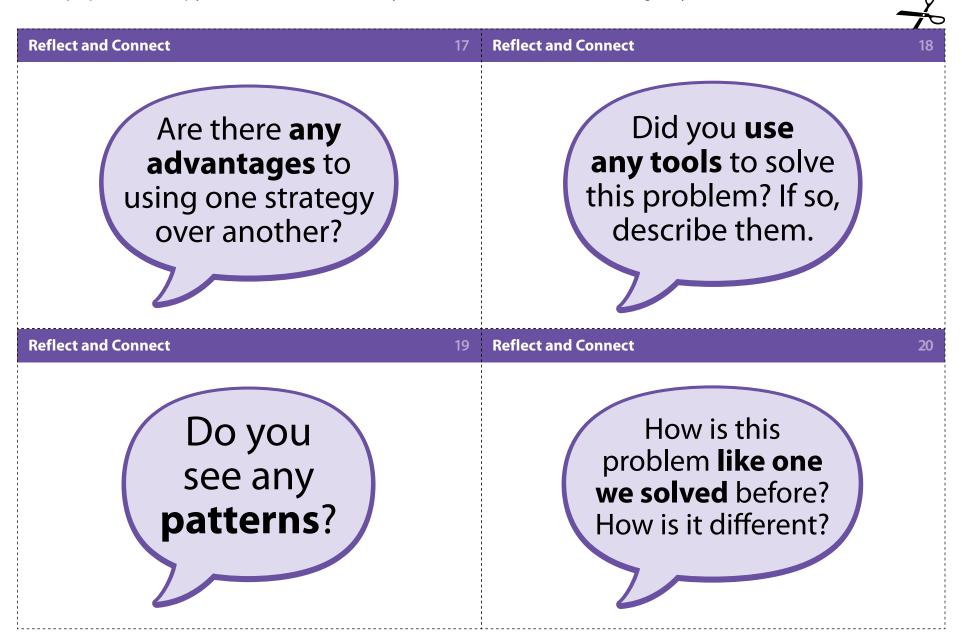
Use the **blue cards** to help your student explain and/or reason through their thinking.



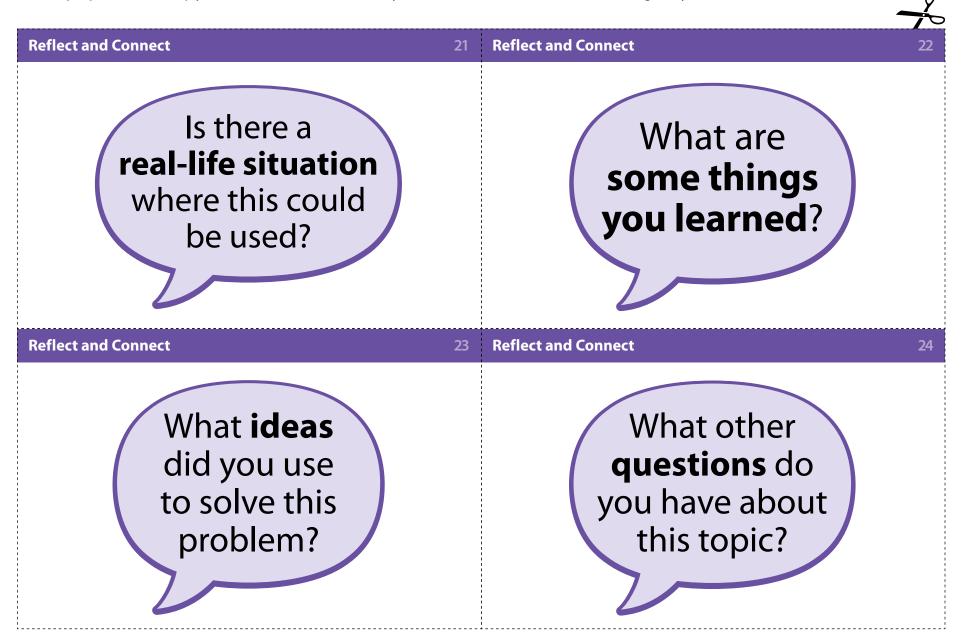
Use the **blue cards** to help your student explain and/or reason through their thinking.



Use the purple cards to help your student reflect on what they did and make connections to other things they have learned.



Use the purple cards to help your student reflect on what they did and make connections to other things they have learned.



Use the **red cards** to help your student respond to questions.



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