

AVIDize Math & Help your student

by Using the AVID Tutorial Process for Solving Problems

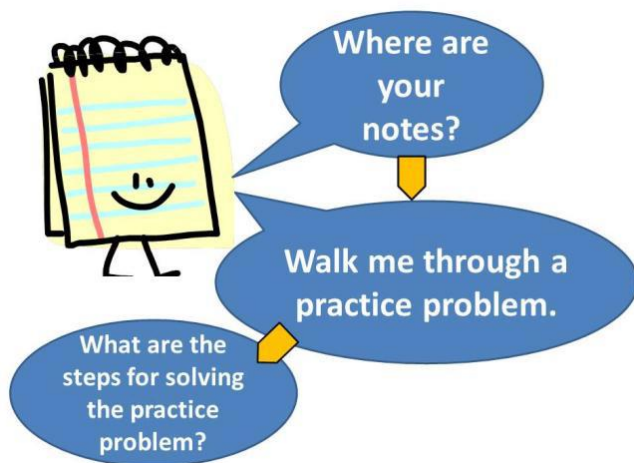


What are you
studying now in
math?

When a child says “I just don’t get it,” use these probing and prompting questions to guide them through the problem-solving process. It is important for students to take ownership for their learning, even their misunderstanding, so they can find the solutions to their problems.

What do you
know about
solving this
problem?

Most of the time, students will know how to solve part of the problem. Encourage them to talk through what they already know.



Students should have thorough notes from their math class in which they have listed the problem-solving steps along with example problems.

Have them take out their math notes and walk and “talk” through the practice problem in their notes. Very often, as they explain the problem to you, they identify where they are having trouble.

NOTE: If your child does not have thorough notes, this is a RED FLAG to let you know he/she hasn’t done his/her part in class. Talk to him/her about the importance of note taking. Try online resources provided at conference week or the teacher’s website.



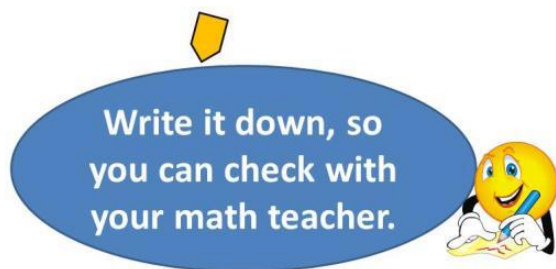
Have them show how the problem they are struggling with for homework is like the practice problem in their notes.

Help your child find the similarities as they walk through the practice problem.



Sometimes, students get frustrated and give up too quickly. Once they walk through the problem (step-by-step), they identify their mistake and solve the problem. (Yippee!)

Sometimes, however, they continue to "get stuck." If that is the case, they need to identify where this happens.



When a student has attempted every step in his/her homework and identified the place where he/she is getting stuck, he/she can check with the math teacher in class.

Instead of "I just don't get it," your child can now logically explain where he had trouble in the problem-solving process.

All students are welcome to attend 7th Hour after school on Tuesdays and Thursdays from 2:50-4:10pm in the library. Both a Math and an ELA teacher are present for assistance. Students may get help, have a quiet place to work, and/or access computers during this time.