Prompts/Questions to Promote Math Discourse and Understanding

Questions that teachers and students can ask students to promote discourse and mathematical understanding.

Hang them around to your room as a reminder to both you and the students.

Slides are 11x8.5 (print landscape)

Thanks! - Dan
“If ______ changed, how would your answer change?”
“Explain why that makes sense.”
“Convince me that __________”
“Explain the difference between _______ and _______.”
“WHAT DO YOU THINK A COMMON WRONG ANSWER MIGHT BE? WHY?”
“Can you create another problem where the same problem solving strategy can be applied?”
“If you disagree, explain why.”
Can you find any other answers that would work?
“What are you wondering now?”
Does that make sense?
Is that true for all cases?
DOES ANYONE HAVE THE SAME ANSWER BUT A DIFFERENT WAY TO EXPLAIN IT?
What would happen if...?