

### **Skeptic**

Your role is to respectfully question the ideas of your team members.

Guiding questions for the skeptic:

- *Does the argument have sufficient evidence?*
- *Does the reasoning make sense?*
- *Does that conclusion need more explanation?*

### **Representor**

Your role is to make sure the math is presented in a clear and helpful way

Guiding questions for the Representor:

- *Is there a better way (e.g., diagram or algebraic symbols) to represent this?*
- *Does the explanation use representations and language that makes sense?*
- *Are there clear connections between the different types of representations?*

### **Facilitator**

Your role is to facilitate productive group work by asking your group mates to share their ideas and listen to one another.

Guiding questions for Facilitator:

- *Has everyone shared at least one idea or question?*
- *Are group members listening respectfully?*
- *Has everyone contributed to the final solution?*

### **Innovator**

Your role is to generate many different ideas. Try to think outside the box and share alternative ways to approach the problem, even if they may not work.

Guiding questions for Innovator:

- *How might a different student think about this idea?*
- *What are other ways this can be explained?*
- *Can the group represent their thinking in a different way (i.e. with a diagram, picture, graph, or table)?*