

# A Question or a Problem

*"What do I know?"*

*"What am I trying to figure out?"*

**Proving/  
Explaining**

**AHA!**

*"I think this will work!"*

*"I understand what to do next!"*

*"I got it!!"*

**Tinkering**

*"Let me try..."*

*"I think I know where I can start..."*

**Stumped!**

*"I don't get it!"*

*"Do I understand the question?"*

*"Argh! I want to give up!"*

**Models/Tools**

*"Can I do this mentally?"*

*"Do I need to draw it out or use a model?"*

*"Do I need some other tool to show my thinking?"*

**Systematic  
Tinkering:**

*"Now that I have seen a pattern, let me keep trying..."*

**Pattern  
Sniffing/  
Observations**

*"Hmmm...I notice..."*

*"I wonder if..."*