

# PROBLEM SOLVING STEPS

Inspired by Student Achievement Division of Ontario Schools and McGraw-Hill. Produced by Natasha Hutchins at [www.prodivame.com](http://www.prodivame.com)

## GUIDING QUESTIONS TO

### **Clarify Reasoning and Understanding**

How do I know?

How do I know my answer is reasonable?

### **Focus on Communication**

What could I add to my solution to make it clearer for the reader?

How can I represent my thinking?

### **Make a Conjecture**

What would happen if \_\_\_\_\_?

Would this work every time? Can I think of any examples that don't work?

### **Reflect**

What questions are arising as I work?

### **Share Representations**

Which way (e.g., picture, model, number, sentence) best shows what I am finding?