

SIR RIGHT

A Strategy for Math Problem Solving

Directions: Read through each step of the SIR RIGHT strategy. After you complete each step, make a check in the box to show that you have completed that step.

Start by reading the whole problem. Don't start solving the problem until you have read the **WHOLE THING**.

- I read the **WHOLE** problem

Identify all numbers, including hidden numbers.

- I found all numbers, including hidden numbers.
- I wrote all numbers on a scratch piece of paper.

Read the problem again. This time, draw a picture of the problem.

- I read the problem again.
- I drew a picture of the problem on a scratch piece of paper.

Read the problem again. This time, think, "What is the problem asking for?" "What should my final answer be?"

- I read the problem again.
- I decided what the problem was asking for.
- I decided what my final answer should be.

Inquire. Ask yourself, "What operation do I need to use?" Do I need to use more than one operation?"

- I decided what operation or operations to use. I am going to:
 - Add
 - Subtract
 - Multiple
 - Divide

Guess, to get an estimate of what the answer should be. Think, "Should I end up with a larger number or a smaller number?"

- Larger number
- Smaller number

Ham it up! Act out the problem if necessary. Try to make it real. Use manipulatives if necessary.

- I tried to act out the problem.
- I used manipulatives to help me thin through the problem.

Take a pencil and calculate the answer.

- I got an answer.
- I double checked by calculations
- I thought about my answer to make sure it makes sense.

Great Job!

