Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class #:\_\_\_\_\_\_\_\_

**4 Steps to Problem Solving Organizer**

|  |  |
| --- | --- |
| **C:\Users\djbezila0385\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\48BEWINE\MC900383582[1].wmf**  **Understand**  What do you know? | C:\Users\djbezila0385\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\48BEWINE\MC900434411[1].wmf  What do you need to find out? |

**Problem:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

\*Set up an equation or ratio \*Make an organized list \* Make a chart or table \*Work backward \*Draw a picture or diagram \*Use a model or objects

\*Guess and check \*Look for a pattern \*Solve a simpler problem \*Act it out

**Plan**

First I will…

Next I will…

Then I will…



**Solve**

Show ALL work.

Number each step.

Label all numbers with units.



\*\*\***Challenge!** Write your own problem similar to the one you just solved and have a partner try to solve your problem.

**Look Back**

Check your work.

Does it make sense?

Does it answer the question?

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