**HOMEWORK 10/13-10/15**

**Notes on Word Problem Strategy: SOLVE**

“SOLVE” is a strategy used to solve word problems. Each letter in SOLVE represents one of the 5 steps in solving a word problem:

**Study the problem**

**Organize the facts**

**Line up a plan**

**Verify your plan with action**

**Examine the results**

“*S” stands for Study The Problem. When you study the problem you need to:*

1.Highlight or underline the question.

2.Answer the question, “What is the problem asking me to find?”

*“O” stands for Organize The Facts. When you organized the facts you need to:*

1.Identify each fact

2.Eliminate unnecessary facts (By putting a line through it)

3.List all necessary facts

“L*” stands for Line Up a Plan. When you line up a plan you need to:*

1.Choose and operation (Add, Subtract, Multiply or Divide)

2.Tell in words how you are going to solve the problem

“*V” stands for Verify Your Plan With Action. When you verify your plan with action, you need*

*to:*

1.Estimate your answer

2.Carry out your plan

*“E” stands for Examine The Results. When you examine the results you need to ask yourself:*

1.Does your answer make sense? (Check what the problem was asking you to find)

2.Is your answer reasonable?(Check you estimate)

3.Is your answer accurate? (Check your work)

**Use the SOLVE process to complete each problem below. Show your work a separate sheet of paper for each day.**

Tuesday:

In fourth grade there were 10 students at the start of the year. During the year

4 students left and 42 new students came to school. How many students were

in fourth grade at the end?

Wednesday:

Oliver had 33 dollars in January. By March he had spent 4 dollars. If he got

another 32 dollars from his mom, how much money would he have?

Thursday:

A florist had 37 roses. If she sold 16 of them and then later picked 19 more,

how many roses would she have?