SOLVING PROBLEMS…

The steps for problem solving are:

1. Understand the problem.
2. Devise a plan.
3. Carry out the plan.
4. Look back.

You should also write down **what is actually being asked for**, so you know where you are going and when you have arrived!

Also look for key words:

When you see	Think
add, total, sum, increase, more, combined, together	
minus, less, difference, fewer, decreased	

Problem Solving Words & Strategies

Use these key words and steps to help you become a better problem solver!

Steps for Solving Word Problems

Read and underline the question

Box key words

Circle important numbers . cross out un-needed numbers.

Solve:

Draw a picture
Make a chart or table
Make a list
Work backwards
Find a pattern
Write a number sentence

Show all your work!

Check your work! Does it make sense?

Be a Problem Solving Ninja

STEP 1:

Read the problem carefully.

STEP 2:

Underline key words.

Circle numbers.

STEP 3:

Identify what is known and what is unknown.

STEP 4:

Identify the operation & write an equation.

STEP 5:

Identify the strategy to help you solve.

STEP 6:

Solve the problem.

STEP 7:

Check your work using the inverse operation.

https://www.youtube.com/watch?v=IWWSQZKRa5M

Let's practice:

1. Mary had 7481 pennies in her bank. She spent 3634 of her pennies. How many pennies does she have now ?
2. There are 8107 poplar trees currently in the park. Park workers will plant 1391 more poplar trees today. How many poplar trees will the park have when the workers are finished ?
3. Jessica found 814 seashells on the beach. she gave Melanie 123 of the seashells. How many seashells does she now have ?
4. Fred picked 129 limes and Sam picked 131 limes from the lime tree. How many limes were picked in total ?
5. Benny has 6185 baseball cards. Alyssa bought 3471 of Benny's baseball cards. How many baseball cards does Benny have now ?
6. Benny has 615 baseball cards. Alyssa bought 471 of Benny's baseball cards. How many baseball cards does Benny have now ?
7. Mike's high school played 1680 hockey games this year. He attended 278 games. How many hockey games did Mike miss ?