

Problem Solving

Ask (questions to ask)

Identify the Problem

- What is the problem?
- What do I need to find out?
- What information is given? Is it all important?
- Does it make sense?
- How could I check?
- Have I forgotten anything?
- Can I do it another way?

Ask!

Think (things to consider)

Decide on a Strategy

- How can I find the answer?
- How can I present the problem in a different way?
- What do I know?
- How can I organise the information?
- What do I need to do?
- Can I work backwards?
- Can I try a different strategy?
- How many steps do I need to follow?

Think!

Do (things to do)

Application

- Add, subtract, multiply, divide
- Make a list
- Record data
- Draw a diagram
- Classify or order data
- Draw a graph
- Match, compare
- Estimate and check

Do!