

Questions for Problem Solving

1. Understand the problem

What do you know?

What do you need to find out?

2. Develop a plan

Have you ever solved a similar problem?

What strategies can you use?

Can you estimate an answer?

3. Solve the problem

Do you need to try another strategy?

What is the solution?

4. Communicate the solution

Do you have a representation?

Is it labeled correctly?

Did you use math language to communicate?

Is it clear what you did and why you did it?

5. Look back

Did you answer the right question?

Does your answer make sense?

Can you make an observation about the solution?