Roots of Reason
Mathematics · Problem Solving · Grades 3-5

Strategy chart

PÓLYA'S METHOD · MP.1

The Four Steps of Problem Solving

Name _____

THE PROBLEM

1 Understand

What do I know? What am I trying to find?

2 Make a Plan

Which strategy will I try?

- ☐ Draw a picture
- ☐ Make a table
- ☐ Find a pattern
- ☐ Guess & check
- ☐ Work backward
- ☐ Write an equation

3 Carry It Out

Show every step of my work.

4 Look Back

Does my answer make sense? How do I know?

Answer: _____