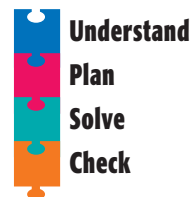


Problem Solving Strategy**Act It Out—Make a Model**

NCTM Standards 1, 2, 6, 7, 8, 9, 10

**Solve. Show your work.**

- 1 Rori insisted that the number 4.85 is “four and eighty-five hundredths.” Her friend Maria was sure that it was “four and eight tenths and five hundredths.” How can you show who is correct?

Can you think of another way to describe 4.85?

- 2 The directions that Mr. Di Marzio will follow for this trip say that he will travel 16.8 miles before turning right onto Route 140. He will then drive another 24.9 miles to his destination.

Mr. Di Marzio set his car’s trip meter to 0.0 before he began the trip. What will the meter read when he arrives at his destination?

- 3 Nikki had to measure chemicals very carefully for a science experiment. She measured out 1.92 grams of one chemical and 3.86 grams of another. What is the difference between these two measures?
