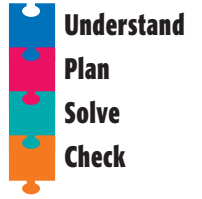


# Problem Solving Strategy

## Working Backward

NCTM Standards 1, 2, 4, 6, 7, 8, 9, 10



- 1 Charles measured his rectangular playground and found the area to be 432 square feet. He recorded the length as 24 feet but forgot to record the width. What was the width? Show your work.

\_\_\_\_\_ feet

- 2 Mr. Tran made a list of some items he sells in his store. He has 10 umbrellas, 8 beach balls, 13 shovels, and 13 sunglasses. There are beach towels stacked equally on two shelves. Mr. Tran determined there are 76 items. How many towels are on each shelf?

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- 3 There are 192 people at a dinner party. An equal number of people are sitting at each of 12 tables. Fifty-seven people ordered steak and 63 people ordered salmon. The same number of people at each table ordered chicken. How many chicken dinners should be served at each table? Explain.

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