

Problem-Solving Strategy: Make a Table

Use the questions to help you solve.

Problem: Every year, Ryan's grandparents give him \$50 for his birthday. He has always kept the money in his room, and hasn't spent any of it. Today is his 12th birthday. He is going to take all the money and open an account that pays 2.1% interest compounded yearly. If Ryan keeps adding his birthday money every year, how much money will be in the account after 3 years?

UNDERSTAND

What information do you have?

PLAN

Can you set up a table to help you solve the problem?

If so, what would it look like?

SOLVE

What calculations do you perform as you complete the table?

How much money is there after 3 years?

LOOK BACK

Does your answer seem reasonable?
