

✔ Congratulations! You passed!

Grade received **100%** To pass 80% or higher

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1. You are following the Seven Steps and have just generalized your steps; what do you do next?

1 / 1 point

- ☐ Write down what you just did
- ☐ Work an example by hand
- ☐ Translate your algorithm to code
- ☒ Test your algorithm

✔ Correct

2. If you are doing Step 1, working an example by hand, and you find it difficult or are stuck, which **two** of the following could be problems?

1 / 1 point

- ☒ The problem is ill-specified.

✔ Correct

- ☒ You lack domain knowledge.

✔ Correct

- ☐ You have yet to learn a programming skill.
- ☐ The problem is hard to generalize.

3. If you are doing Step 3, generalizing, and you find it difficult to see a pattern, what is the recommended action?

1 / 1 point

- ☒ Repeat Steps 1 and 2 on different examples
- ☐ Find a source of domain knowledge
- ☐ Test your algorithm on a new example
- ☐ Ask a project lead or instructor to further specify the problem

✔ Correct