✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Steps 1–4

TOTAL POINTS 3

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

1 / 1 point

○ Work an example by hand

○ Write down what you just did

● Test your algorithm

○ Translate your algorithm to code

✓ **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

☑ You lack domain knowledge.

✓ **Correct**

☐ You have yet to learn a programming skill.

☐ The problem is hard to generalize.

☑ The problem is ill-specified.

✓ **Correct**

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

○ Test your algorithm on a new example

○ Find a source of domain knowledge

○ Ask a project lead or instructor to further specify the problem

● Repeat Steps 1 and 2 on different examples

✓ **Correct**