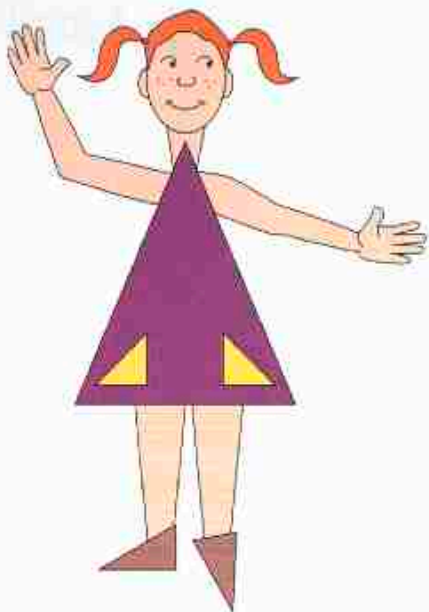




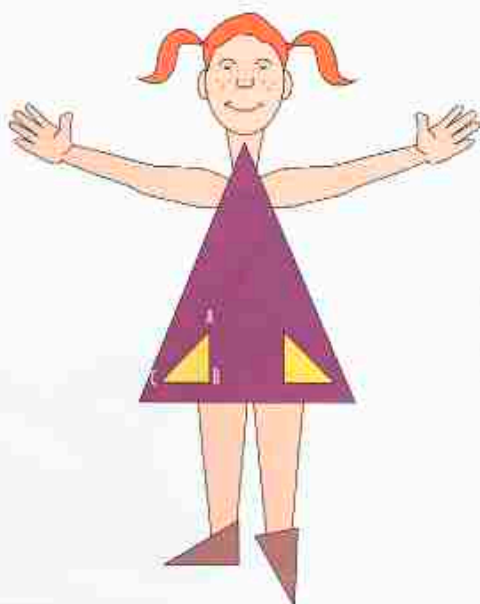
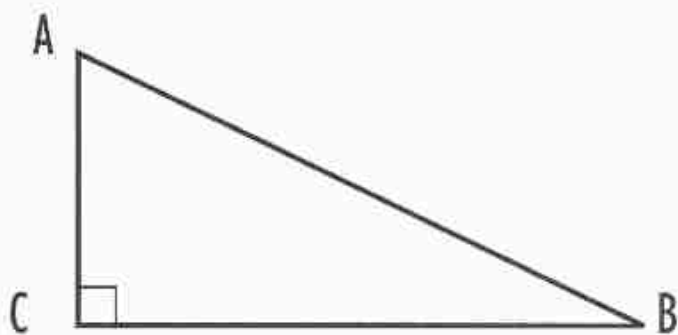
## Objectives

Once students have completed the story, they should be able to...

- Understand the vocabulary related to right triangles.
- Understand the relationship between the parts of a right triangle.
- Apply the Pythagorean Theorem to everyday questions.



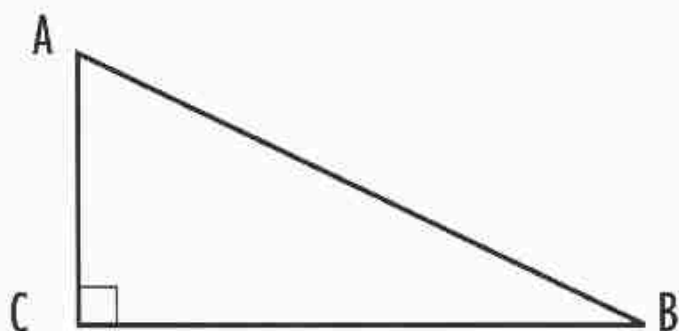
This is a very special place because everything on this island has the same shape as King Tri, a right triangle shape. Each right triangle looks similar to this and has three sides and three angles that are labeled with capital letters. In the triangle below, the three angles are A, B, and C.



I have right triangles in my dress. Can you name the three angles? If so, what are they?



A right triangle is a triangle that has only one right ( $90^\circ$ ) angle. A small box is placed in the corner with the right angle.



As B was talking, her friend Timmy Triangle walked by.

“Look at my friend, Timmy,” B said, “and count all the possible right triangles you can find.”

