## 7-3 Law of Cosines

Objective:
7-3a: I can solve a triangle using the Law of Cosines.

## What if...?!

Solve the triangle.
aw of cosines -






The people of Myrupville need to build a bridge across Myrupville Bay. They plan to have it go from the Lighthouse on one side of the bay to the Heavyhouse on the other side of the bay. How long does the Mathgate Bridge need to be? What angles the "Houses" make with Myrupville?


