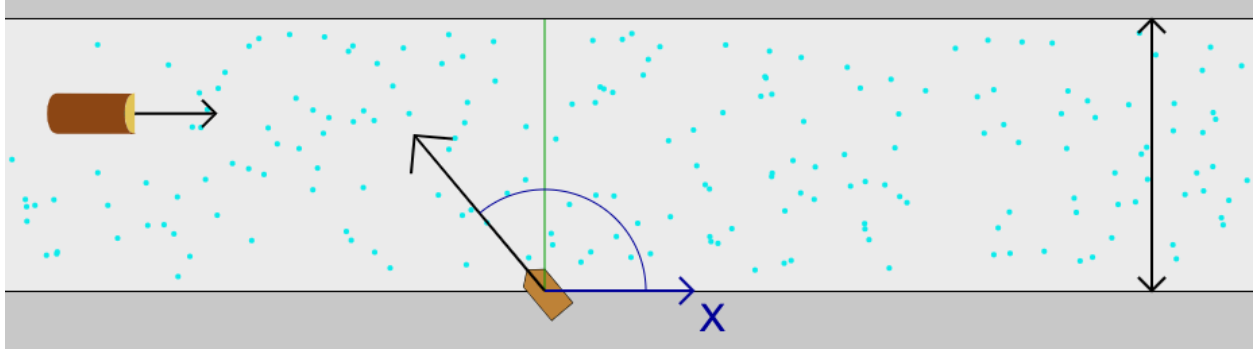
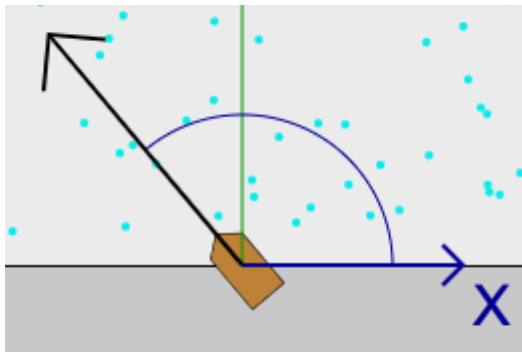


River Crossing Problem Level 3

Step 1: In the picture below give the values of all the variables for your problem



Step 2: Make a velocity triangle out of the boat speed and fill in the two numbers that you know. Use this to find the angle of the triangle and the angle from the shore. Show your work neatly below.



Step 3: Use your velocity triangle to find the speed across the river. Show your work below.

Step 4: Find the time it takes the boat to travel across the river. Show your work below. Enter your answer into the program to make sure you did everything correctly.