Vectors ~ The Swimming Question

Example: Curtis can swim at 3.2 m/s and Aidan can swim at 3.0 m/s. They both want to cross a 10 m wide river flowing to the west at 1.1 m/s. If Curtis swims so he goes directly across, but Aidan goes with the flow who gets to the other side first?

Curtis ~ goes directly across.

| Sin
$$\theta = \frac{1.1}{3.2}$$
 | Iom | $V = \sqrt{3.2^2 - 1.1^2}$ | $V = \frac{1}{3}$ | $V =$