Exercise 3.7, 3.8, 3.11 total three questions.

3.7 Not invertible. A position on the screen when transformed back into user coordinates can be outside the user window.

3.8 Picking a position outside the window will not be identified.

3.11 I believe the best solution here is SEP (Somebody Else’s Problem). In order to use a joystick the user must set it up with in the OS.

If the user can’t set up the joystick they can deal with the manufacturer or OS publisher.

If they can there are well established protocols to receive joystick input. In either case this isn’t our problem.