Situation A: Saturated liquid-vapor mixture water at an initial quality of 18 percent is heated at constant volume from 100 kPa to 200°C.

Goal: What is the final pressure?

Solution A:
How confident are you in being able to answer a question like this on an exam? 
(Place an ‘X’ on the line corresponding to your level of confidence.)

<table>
<thead>
<tr>
<th>Very Confident</th>
<th>Kind of Confident</th>
<th>Neutrally Confident</th>
<th>Probably Not</th>
<th>No Way!</th>
</tr>
</thead>
</table>

What do you need to work on in order to increase your level of confidence?

What would you like to see in class that might help improve your level of confidence?
Situation B: 2 kg of steam is contained in a frictionless piston-cylinder device. The piston applies 1.5 MPa of gage pressure on the steam. Heat is input to the steam slowly moving the piston until it stops when the final steam temperature is 260°C.

Goal: What is the final volume of steam?

Solution B:
How confident are you in being able to answer a question like this on an exam? (Place an ‘X’ on the line corresponding to your level of confidence.)

| Very Confident | Kind of Confident | Neutrally Confident | Probably Not | No Way! |

What do you need to work on in order to increase your level of confidence?

What would you like to see in class that might help improve your level of confidence?