

Name _____

Salish Sea Tides Web-Search

1. Before you begin searching, write a prediction of why you think high and low tide times would be different at different locations within the Salish Sea.

2. Go to: <http://exhibits.pacsci.org/puget%5Fsound/Tides.html>

What causes the variations in the tides and currents of the Salish Sea estuary? Hint: read the whole page, there's information in more than just one of the paragraphs.

3. Go to: http://exhibits.pacsci.org/Puget_Sound/PSGeology.html

- a. On average, how deep is the Salish Sea?

- b. How deep is the deepest area of the Salish Sea?

- c. Where is the deepest area of the Salish Sea?

4. Go to: <http://www.ecy.wa.gov/programs/sea/pugetsound/beaches/tide.html> and read "Be Aware of Tides" section.

- a. Where would high tides occur first in the Salish Sea?

- b. Where would high tides occur highest in the Salish Sea?

5. Go to: <http://www.strengthenperspective.com/mpcompel/mpgal39/webpix/MAP-Puget-Sound.jpg> and locate Port Townsend and Olympia.
 - a. Using the information from this map and your answers from the above two questions, what conclusions can you make about how location influences tidal depth changes?
