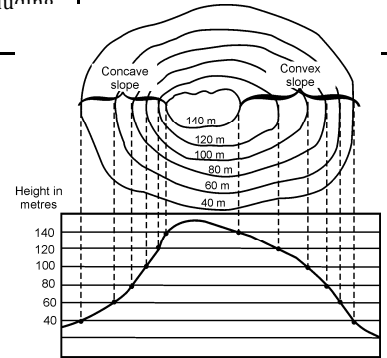


Name \_\_\_\_\_

**Hydro 7 Practice 1 & 2 (on back)**

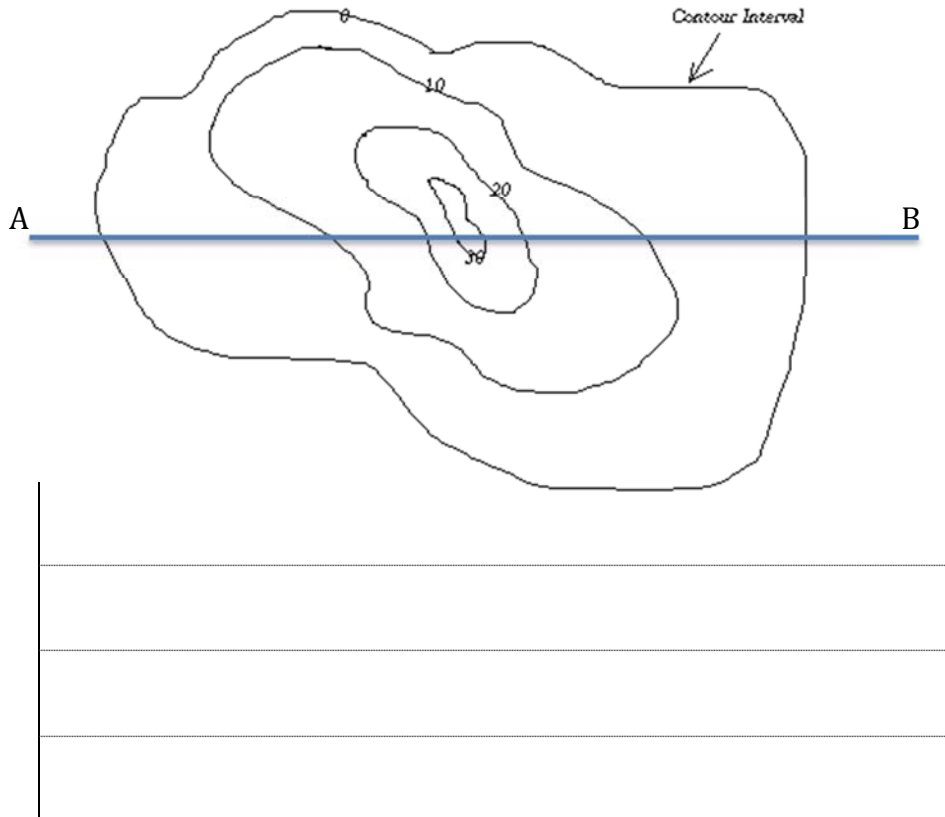
Targets	1	2 (all of 1 plus)	3 (all of 2 plus)	4 (all of 3 plus)
<b>LE 5.6 Precision</b>	Recognizes the importance of products that are planned, edited, and completed with care	Attempts products that are planned, edited, and completed with care	Creates products that are planned, edited, and completed with minimal errors	Creates products that are planned, edited, and completed free from errors or need for revision
<b>Hydro 7</b>	I can <b>identify</b> lines of equal and unequal elevation on a contour map.	I can <b>draw</b> the general shape of mountains and valleys based on contour lines	I can draw a <b>profile</b> of a transect on a topographic map using elevations. The points in the profile are connected by straight lines that do not represent the actual shape of the profile.	I can <b>draw</b> a smooth profile of a transect using elevations and I can use distance between contour lines to help determine slope of the profile
<b>MP4 Watersheds and Water Cycle</b>	I can interpret elevations and features on contour maps	(all of 1 plus) I can identify and diagram a watershed	(all of 2 plus) I demonstrate an understanding of interactions between water and Earth's environment (including watersheds and water cycles)	(all of 3 plus) You nailed it !!



Here is an example of how to create a profile

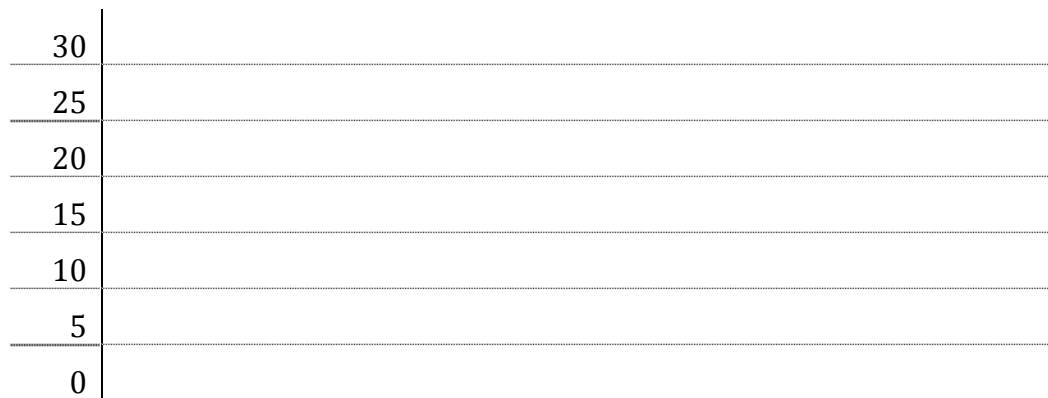
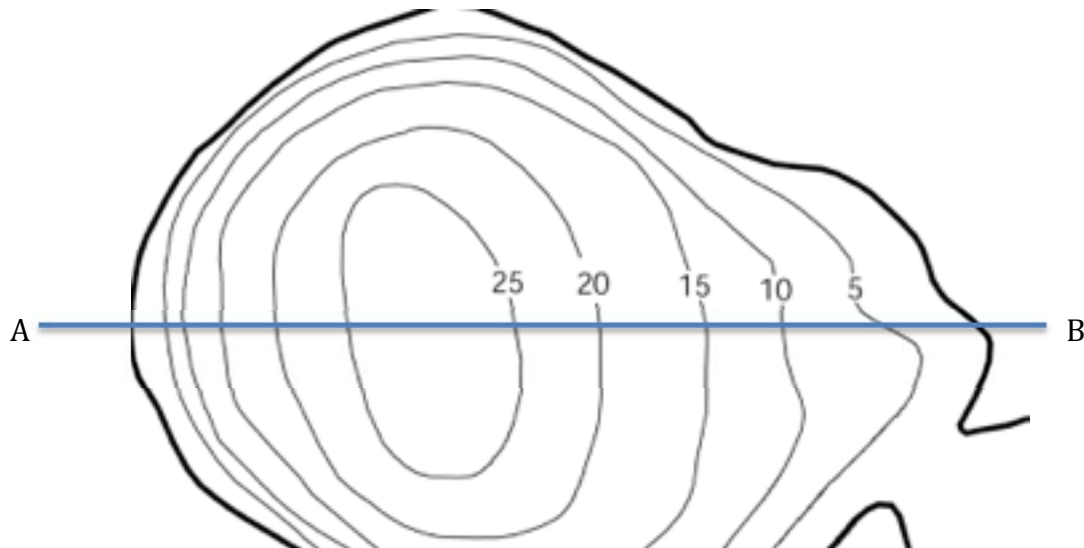
Now it is your turn

- identify where transect (line AB) crosses contour lines
- circle those intersections
- label the y-axis of the graph - the graph increment is equal to the contour interval (10 ft in this case)
- project the elevations corresponding to your circles onto the graph below
- connect your "dots" on your graph with a smooth line



## Hydro 7 Practice 2

Draw a profile along the line AB for the mountain indicated by the contour lines below



What is the contour interval of this map?

Place a Star at the highest point of land.

What is the elevation of the highest point of land on the map?

Is the mountain steeper closer to **A** or **B**?