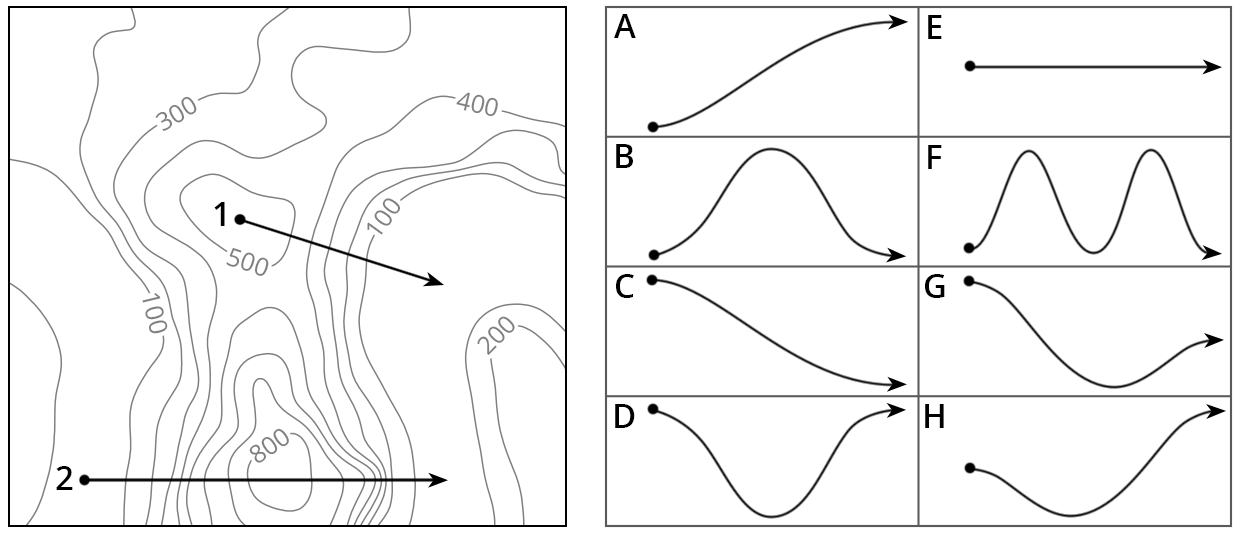
1. Estimate how far you live from Mt. Hood volcano. What is the closest active volcano to your home?

2. Below on the left is a sample topographic map with two paths. On the right are a set of profiles, which describe how elevation might change along the path.

Profiles

Map



**Which profile best describes how elevation changes along Path 1?** \_\_\_\_

**Which profile best describes how elevation changes along Path 2?** \_\_\_\_

Not sure

3. How would you rate your familiarity with volcanic hazards?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Minimal | Modest | Moderate | Well informed | Very well informed |
| □ | □ | □ | □ | □ |

4. Which kinds of volcanic hazards do you think are the top three most serious threats to life in the Pacific Northwest?

|  |  |  |
| --- | --- | --- |
| 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

5. Elevation

Please find the locations marked A and B on the map. Which is at a higher elevation?

Please find the locations marked C and D on the map. Which is at a higher elevation?

Please find the locations marked E and F on the map. Which is at a higher elevation?

6. Slope

Please find the locations marked N and O on the map. Which is on a steeper slope?

Please find the locations marked P and Q on the map. Which is on a steeper slope?

7. For Rhododendron as well as the locations marked X, Y, and Z, how soon after the onset of eruption could the hazard arrive? Use the map to read the arrival times.

|  |  |  |  |
| --- | --- | --- | --- |
| Rhododendron | X | Y | Z |
| \_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_ |

**8.** *Evacuation scenario #1: You are in Rhododendron when a loudspeaker announces that Mt. Hood has erupted and everyone needs to evacuate to high ground as quickly as possible. Let’s assume your friends and family are already out of harm’s way, and there’s no need for you to retrieve anyone or anything from home or anywhere else.*  **Please mark where on the map you would evacuate to, and the path that you would take to get there from here. Please use the blue pen for the route you would take in a car, and the red pen for the route you would take on foot. What do you think are your chances of survival and why? What do you think will be the biggest threats (in terms of hazards) to your survival and human safety? How long do you think it would take to get to safety if you were on foot? In a vehicle?**

**8.** *Evacuation scenario #2: You are at Timberline Lodge when a loudspeaker announces that Mt. Hood has erupted and everyone needs to evacuate to high ground as quickly as possible. Let’s assume your friends and family are already out of harm’s way, and there’s no need for you to retrieve anyone or anything from home or anywhere else.*  **Please mark where on the map you would evacuate to, and the path that you would take to get there from here. Please use the blue pen for the route you would take in a car, and the red pen for the route you would take on foot.** **What do you think are your chances of survival and why? What do you think will be the biggest threats (in terms of hazards) to your survival and human safety? How long do you think it would take to get to safety if you were on foot? In a vehicle?**

**9. Based on how far the mudflows travel in a given amount of time, how fast would you say they seem to be?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Walking speed | Running speed | City street speed | Highway speed | Airliner speed |
| □ | □ | □ | □ | □ |

11. In a real eruption, would you expect to have the amount of time indicated on the map, or to have more or less time?

|  |  |  |
| --- | --- | --- |
| As indicated | More time | Less time |
| □ | □ | □ |