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| A: **Define** the following words. Then, **label them on the map below** (labeled map 1)  **-prime meridian - -equator-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | |
| http://www.jsu.edu/depart/geography/mhill/phygeogone/ltlng.jpgMap 1 | *B. Write down the right coordinates for the following locations on the map to the left.*  A--\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  B\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  C--\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  D\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  E-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  F\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| http://www.lakelandsd.com/tutorial/world.jpgMap 2 | Write the coorinates for the following locations   |  | | --- | | a | | b | | c | | d | | e | | f | | g | | h | | i | | j | |

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| Darker contour lines on a **topographic map** are called **index contours**. They are used to help read contour lines more clearly, especially when the contour lines are close together. | |
| The contour map on the bottom has index contours at **700 meters and 800 meters.**  **1. Can you label the contour lines in between?**  (It’s just like figuring out the divisions on a graduated cylinder.)  2. Sometimes you might need to refer to a point on a map that is in between index contours. How would you estimate the elevations of the points on the map above?  http://raider.mountunion.edu/~mcnaugma/Topographic%20Maps/contou7.gifA = \_\_\_\_\_\_\_ m B = \_\_\_\_\_\_\_ m C = \_\_\_\_\_\_\_ m | http://1.bp.blogspot.com/_dajNg_IdpC8/TUop8cU5P_I/AAAAAAAAABw/oAyN1Sh_f2c/s1600/ContourMap.gif  The contour map on the right has index contours at 2400 feet, 2500 feet, and 2600 feet.  **Label the contour lines between index lines.** |
| http://crack.seismo.unr.edu/ftp/pub/louie/class/333/contour/elev-default.gif | *Answer the following questions based on the topographic map to the left.*  1. What is the highest elevation? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  2. What is the lowest elevation? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  4. What are the elevations of the index contours? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  5. What is the contour interval? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6. What is the estimated elevation at point D? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| http://volcano.oregonstate.edu/education/models/contour_map.gif | *Examine the topographic map. Use the lines to help you draw a side view of this mountain. Then answer the questions that follow. All units are in meters.*  1. What is the highest elevation of the map? \_\_\_\_\_\_\_\_\_\_  2. What is the lowest elevation of the map? \_\_\_\_\_\_\_\_\_\_  3. What is the contour interval of the map? \_\_\_\_\_\_\_\_\_\_  4. Which has a steeper slope – the north or south side of the island? How do you know? |
| 1000 meters  500 meters  Two of the lines in the above diagram are in bold and are labeled with numbers. Four of the lines are not labeled with numbers. Can you label them with the correct numbers? Write in the numbers for the other lines. | |