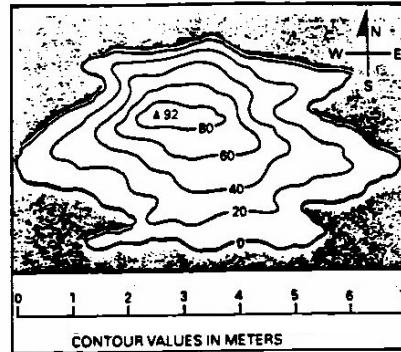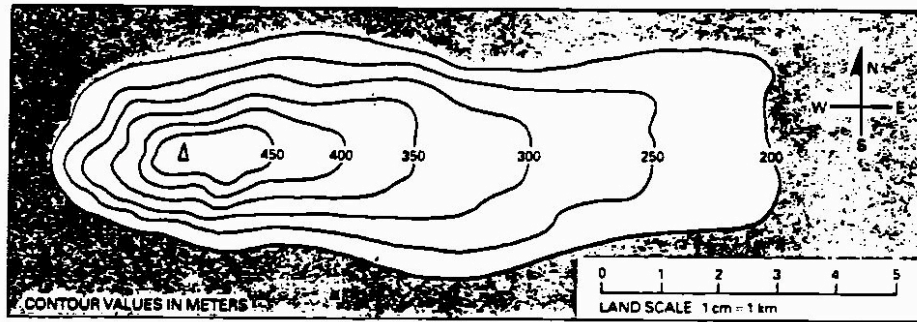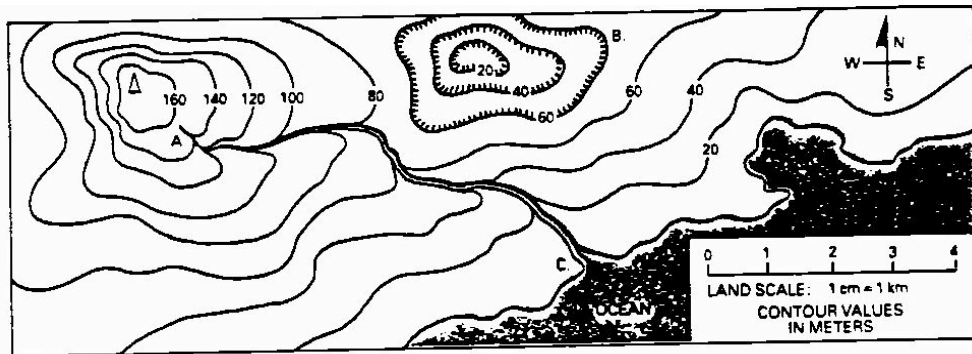# *CONTOUR MAPS*

Figure A

Figure B

Figure A shows an island. Figure B shows a contour map of this island.

Answer the questions below by studying the contour map.

1.   What is the map scale?   1 km = _____ cm

2.   a)   How long is this island?   _____

        b)   The long part runs   (N/S or E/W) _____

3.   a)   How wide is this island?   _____

        b)   The wide part runs   (N/S or E/W) _____

4.   This island starts at sea level. How do you know? Look only at the contour map.

5.   What is the contour interval of this map?   _____

6.   a)   Which side of the island has the steepest slope?   _____

                                                                (N/S/E/W)

        b)   How do you know which side of the island is steepest?

7.   a)   Which side of the island has the gentlest slope?   _____

                                                                (N/S/E/W)

        b)   How do you know which side of the island is most gentle?

8.   How high is the peak of this island?   _____

9.   Compare the drawing of the island with the contour map.

        a)   Which one gives more information?   _____

        b)   Which one is more accurate?   _____

        c)   Which one is more useful?   _____

10. By compass direction…

   a) the _____ side of this landform has the steepest slope.

   b) the _____ side of this landform has the gentlest slope.

11. The contour interval of this map is _____ meters.

12. The lowest elevation shown is _____ meters.

13. Which of these heights could be the exact elevation of the peak?

   a) 520 meters   b) 420 meters   c) 475 meters

The head of a stream is the place where it starts. The place where it ends, in a lake or ocean, is called the mouth. Look at the figure above for the following questions.

14. What letter is at

   a) the head of the stream? _____

   b) the mouth of the stream? _____

15. Where contour lines "cross" a stream, they _____.

16. a) Everyone knows that water flows _____ (uphill, downhill)

   b) In other words, water flow from a _____ (higher, lower)

   elevation to a _____ (higher, lower) elevation.

17. At a stream, contour lines seem to form "arrows." Each "arrow" points…

   a) toward the _____(head, mouth) of the stream.

   b) _____ (upstream, downstream)

   c) _____ (toward, away from) the direction of flow.