

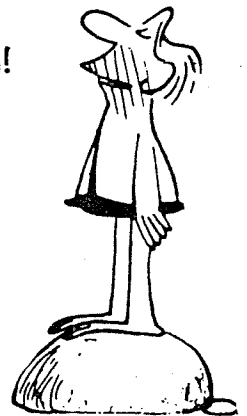
To answer the questions below, look at the "typical" isoline map supplied by your teacher.

1. Do isolines ever touch or cross each other? _____
2. Do isolines usually have sharp angles or gentle curves? (Please pick one.) _____
3. What does each point on an isoline have in common with all others on the same line? _____
4. Do isolines ever end, except at the edge of the map? _____
5. Is the change in value from one isoline to the next always the same on a single map? _____
6. Do isolines tend to make parallel curves? _____
7. Does every isoline have one side where the values are higher and another side where the values are lower? _____

Use a *pencil* to draw these isolines at an interval of 1. Work neatly and carefully.

13	15	16	16	18
12	13	14	15	17
11	12	13	14	15
10	12	13	15	16

What a Cinch!
Isoline Map A



Define **Isoline**:

30	31	32	30	29
31	32	33	31	30
31	34	35	32	30
30	32	33	31	29
29	30	31	30	28

Isoline Map B

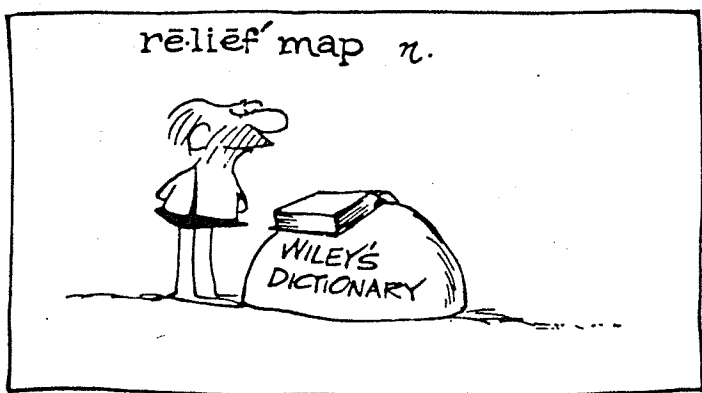
In this activity you were making isolines at different intervals from one isolines to the next. The top diagram will have an interval of 10.

Map 1 **Isoline Interval: 10** (Hint: Do 130 first, then 120, 110, etc.)

75	82	90	100	103	94	81
84	92	110	126	122	114	87
89	99	117	135	111	97	89
99	108	130	124	101	84	74
98	102	115	100	94	75	67

Map 2 **Isoline Interval: 5** (Hint: Start with -10, then -5, 0, etc)

-7	-2	0	2	8	12	16	9
-9	-4	3	5	9	15	15	10
-11	-5	5	8	14	20	18	11
-10	-4	5	11	15	22	18	10
-5	0	6	10	14	15	13	8
-3	0	7	9	10	8	4	2
-5	-1	5	5	5	2	-1	-6



a set of directions showing how to get to the nearest outhouse.

