http://www.geology.19thcenturyscience.org/books/1869-Miller-Sketchbook/README.htm

great rivers of the Wealden period may have been balanced, in like manner, by the rise of the still more extensive table-land of Asia: and in both cases the level of the sea could not fail to be very sensibly lowered. It would have in each instance the area of the submerged continent to occupy: and there would be no corresponding elevation *within its bed*, to balance against the waste by the space which it filled. But why, I repeat, the balancing theory at all? If elevations or depressions can, as has been shown, be mere results of changes of temperature in portions of the earth's crust, why deem it more necessary to hold that there is a refrigerating process taking place under one area, in the exact proportion in which there is a heating process taking place under another, than to hold that when the mercury is rising in the tube of a thermometer, it is sinking in some other tube attached to the instrument, but not visible? The argument, however, is one of those which can be reasoned out more conclusively by lines than by words. It will be found, too, that the lines make out not only a more conclusive, but also a stronger case.

FIG. I.

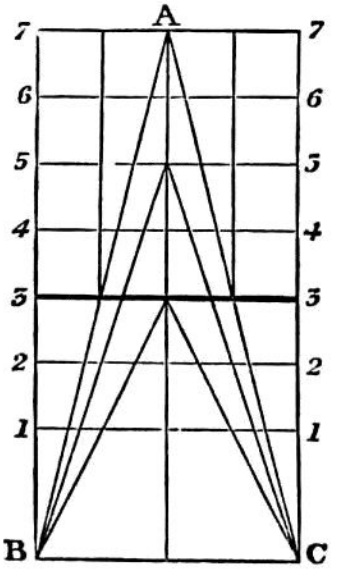
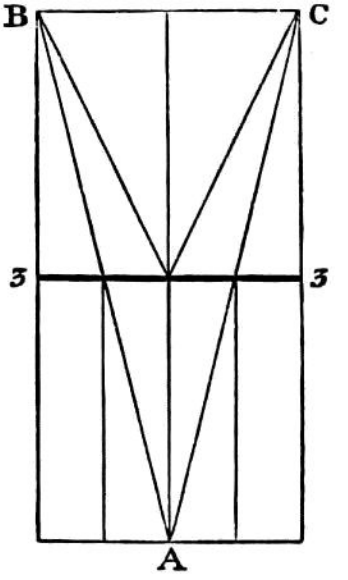


FIG. II.



Let the line 3, 3, in the diagram, Fig. I., represent that