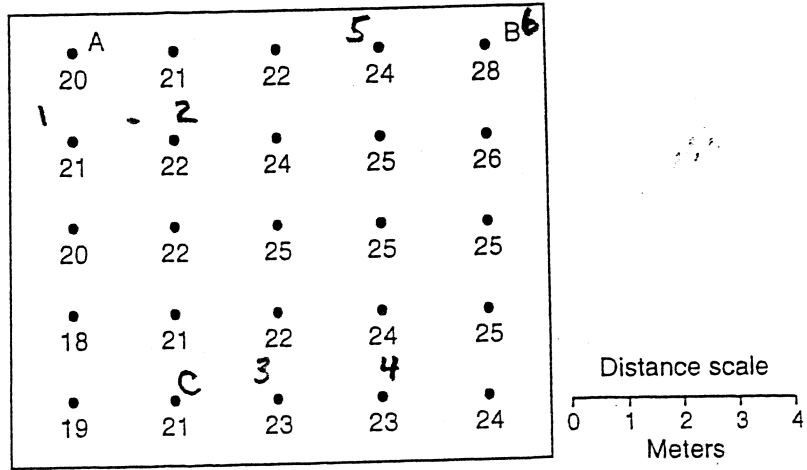


HOMEWORK

NAME _____

The field map below shows air temperature measurements, in degrees Celsius, taken at the same elevation within a closed room. Two reference points, A and B, are shown.



1. Calculate the gradient between points A and B. (show all work !)

 2. Calculate the gradient between points A and C. (show all work)

 3. On the map above draw in the 20, 22, 24, 26, and 28 degree Isotherms.

 4. In between which two points is the gradient the greatest?
 - a. 1 and 2
 - b. 3 and 4
 - c. 5 and 6

 5. What is the relationship between gradient and the spacing between isolines?
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