

RELIEF et COURBES de NIVEAU

Comme la carte est **plane**, il a fallu imaginer un **moyen** pour **représenter** les différences d'altitude, les différences de niveau, le **relief**:

ce sont les ***courbes de niveau***.

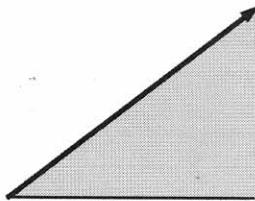
Une courbe de niveau est une **ligne imaginaire** qui **joint** tous les **points** situés à une **même altitude**.

Sur certaines d'entre-elles, on peut lire un **nombre** qui indique **l'altitude par rapport au niveau de la mer**.

La **différence de niveau** entre deux courbes successives s'appelle l'**équidistance**. Elle varie d'une carte à l'autre, il faut donc toujours consulter la légende.

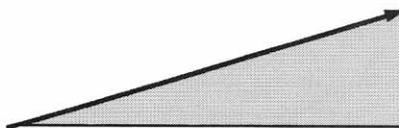
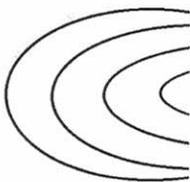
Si l'équidistance est de 5 mètres, chaque fois que l'on passe, sur le terrain, d'une courbe à une autre, on monte ou on descend de 5 mètres.

Lorsque les **courbes** sont très **rapprochées**



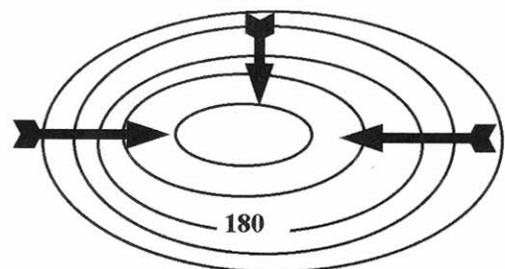
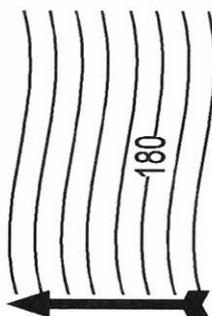
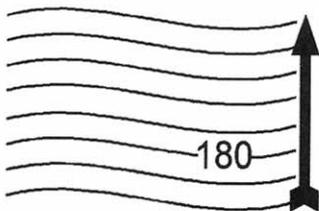
... ***la pente est forte***.

Lorsque les **courbes** sont très **espacées**



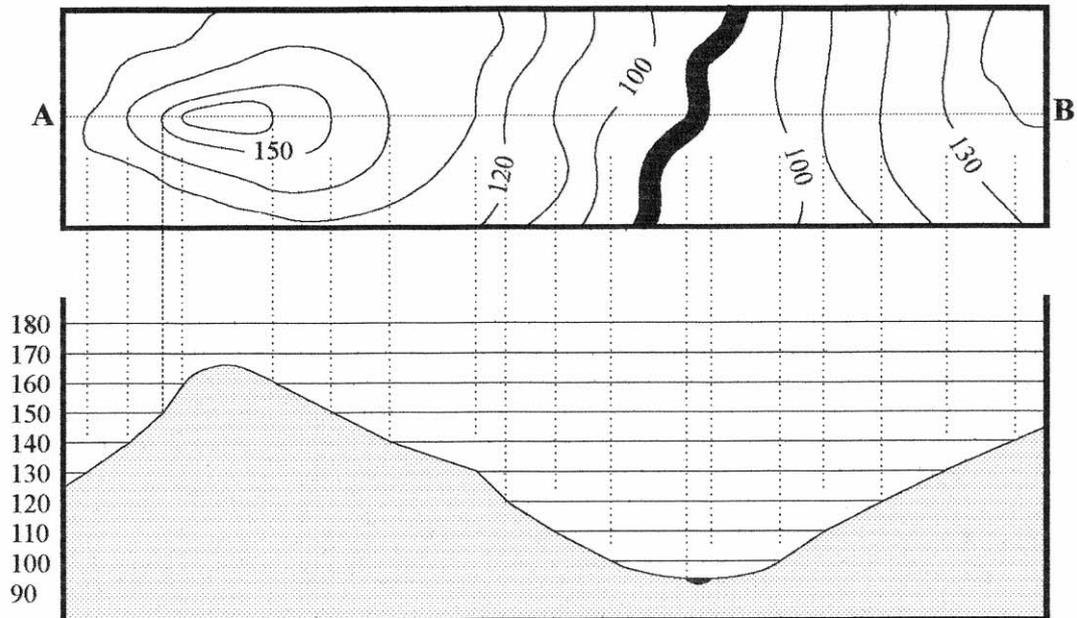
... ***la pente est faible***.

Pour « voir » le **sens de la pente**, on regarde la **position des nombres**.

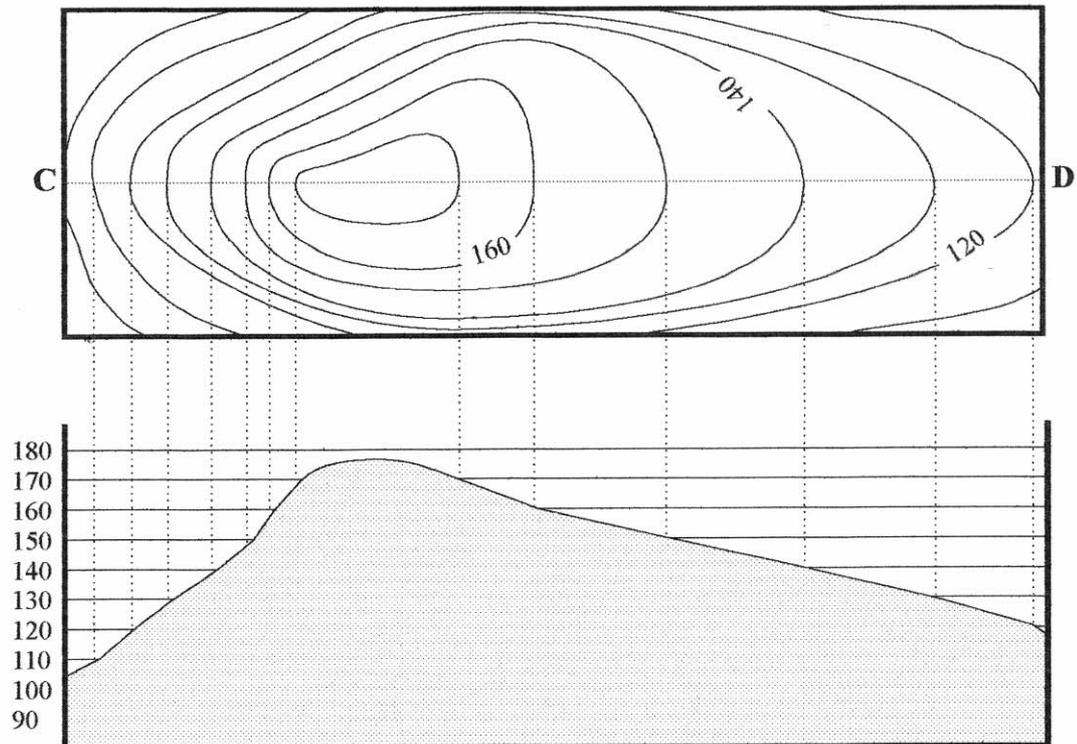


Relief et courbes de niveau

Du plan ... à la coupe !



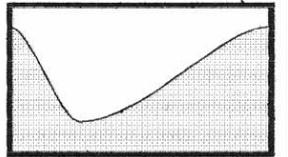
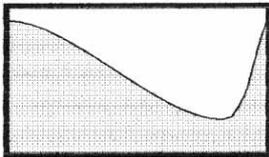
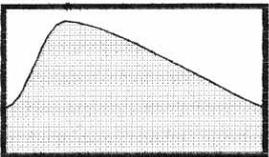
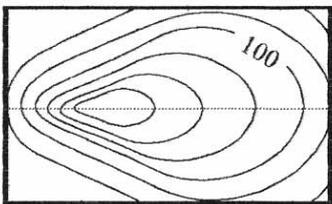
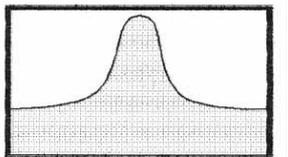
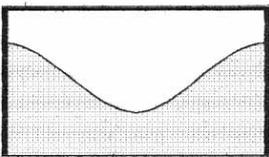
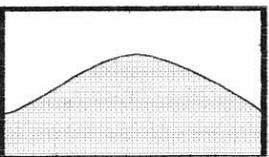
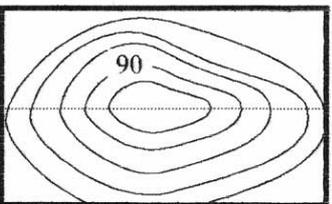
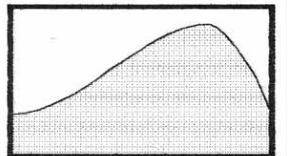
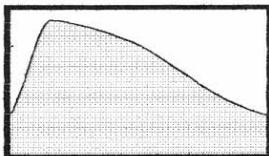
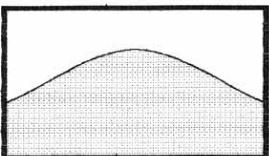
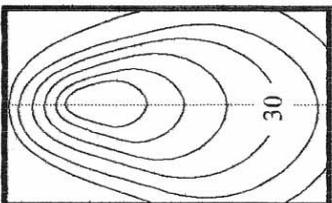
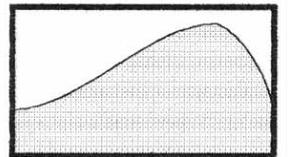
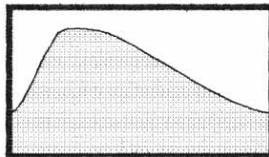
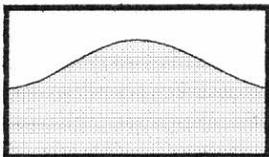
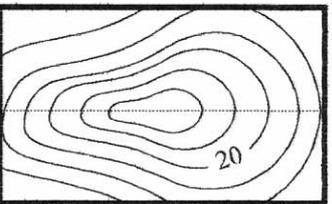
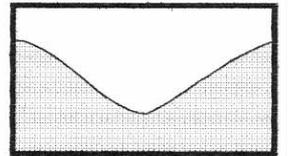
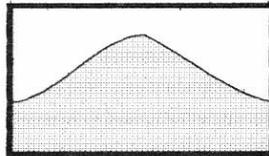
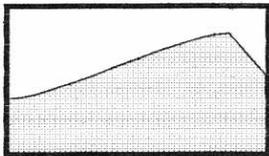
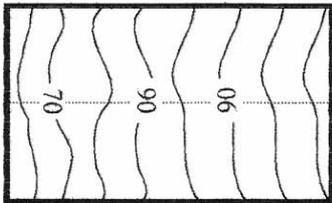
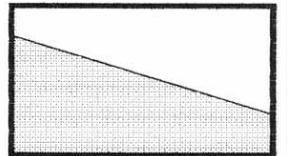
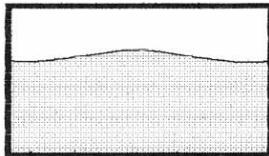
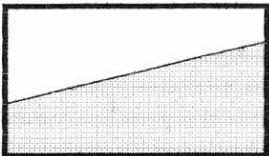
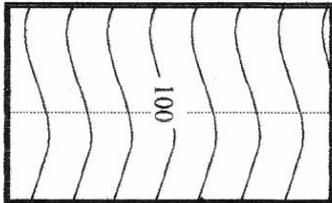
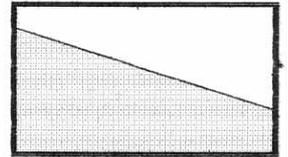
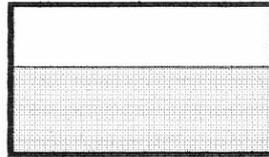
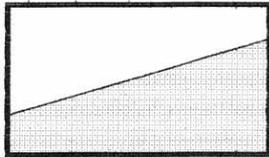
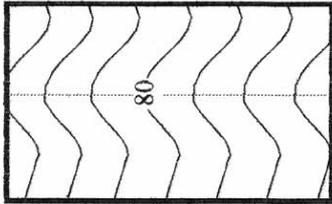
Coupe A-B

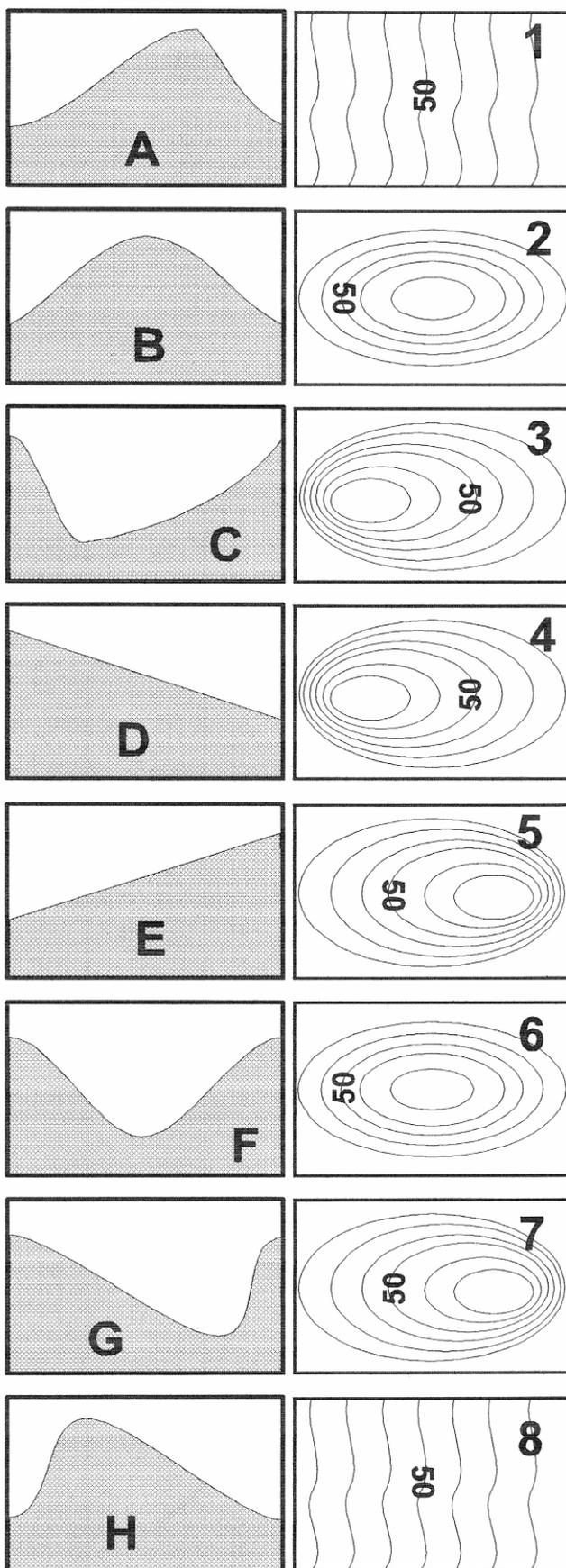


Coupe C-D

Relief et courbes de niveau

Colorie le "relief" qui correspond aux courbes





Courbes de niveau

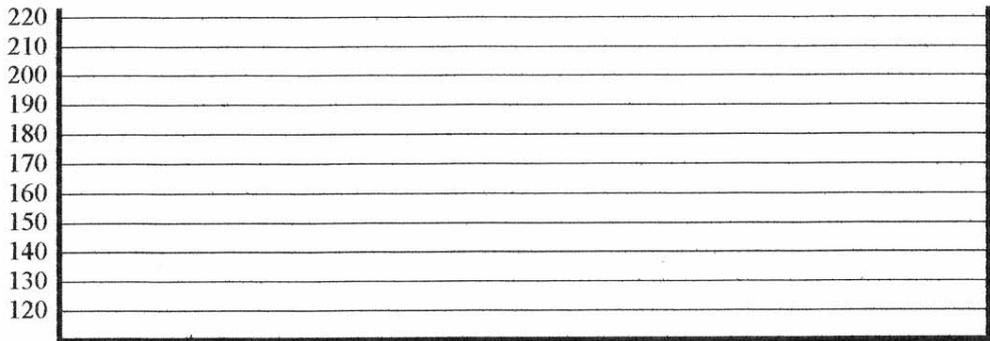
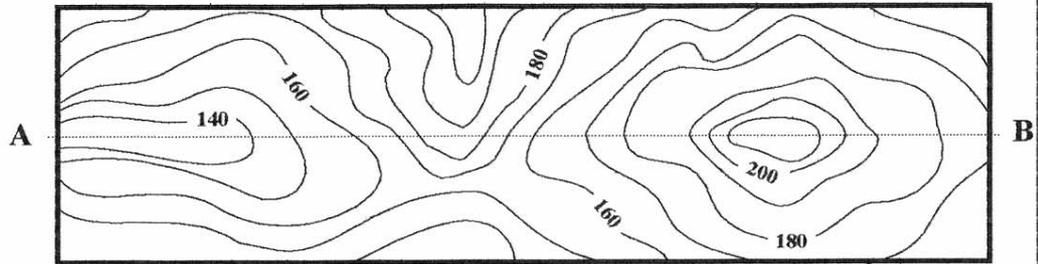
*Observe bien chaque «relief»...
 Analyse attentivement chaque série
 de courbes de niveau ...
 N'oublie pas la position du
 «nombre-altitude» ...
 Souviens-toi du sens et de l'importance
 de la pente ...*

puis ...

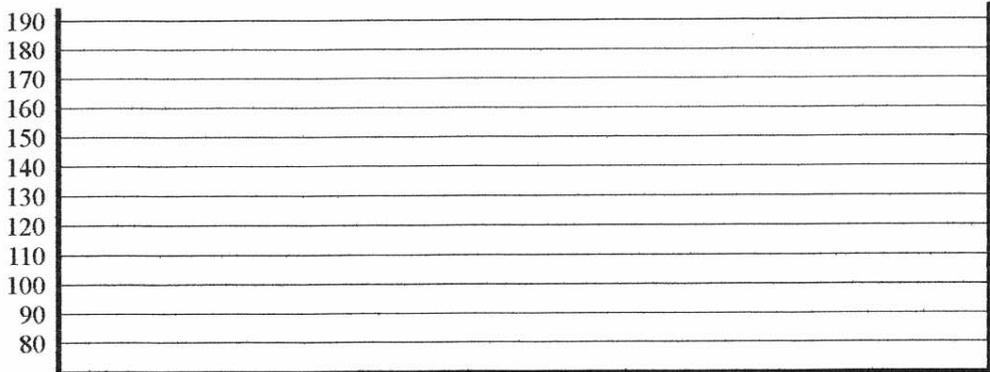
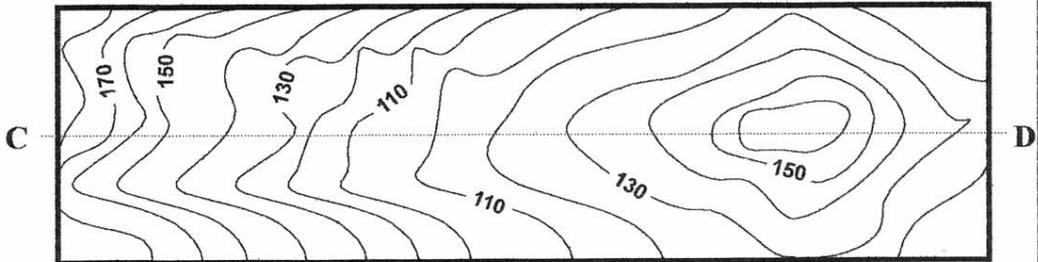
**Complète le tableau de façon à
 rendre à chaque «relief» les
 courbes de niveau qui lui
 conviennent.**

Relief	Courbes	
A	
B	
C	
D	
E	
F	
G	
H	

Des courbes de niveau... ...au relief



Coupe A-B



Coupe C-D