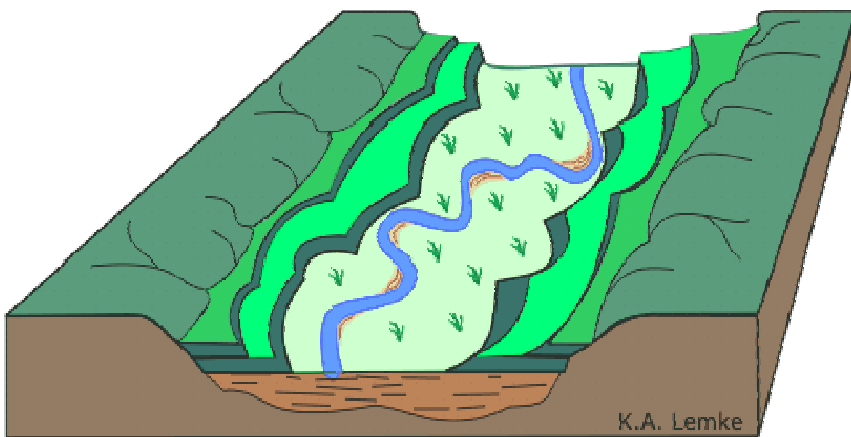


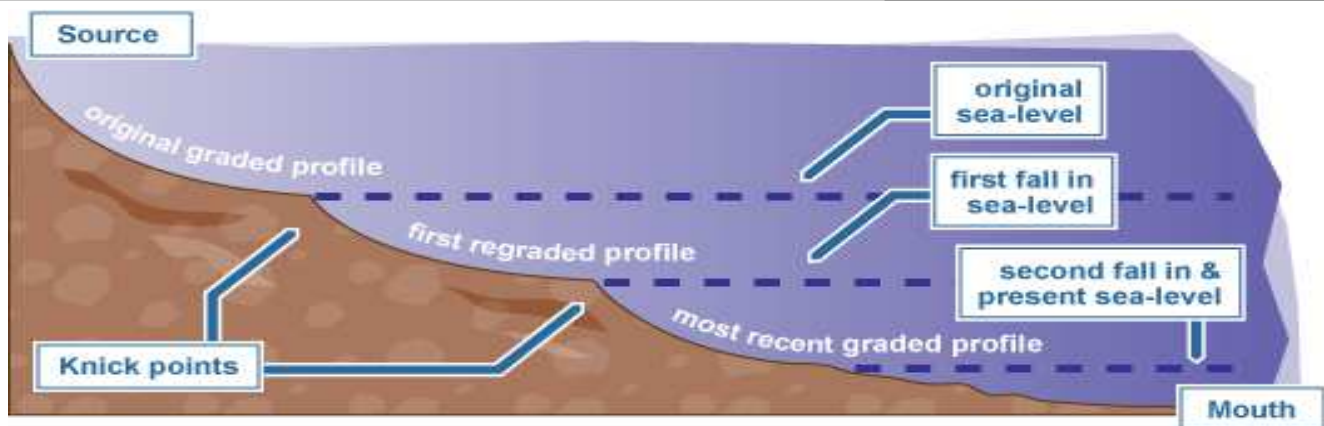
# FLUVIAL SYSTEMS

## REJUVENATION : A FALL IN SEA LEVEL / BASE LEVEL

- A relative fall in sea level / base level of erosion can be caused by sea level falling or the land rising
- This causes the river to be rejuvenated and increases the process of vertical erosion
- Renewed downcutting can cause incised meanders as the river cuts into the flood plain
- This renewed vertical erosion can also caused the river to cut a new flood plains at a lower level
- The new lower flood plain leaves remnants of older flood plain at a lower level as paired terraces
- The furthest point upstream reached by rejuvenation is called the knick point, often seen as a waterfall



Incised meanders Point bar



Put the following labels on the correct place on the appropriate diagram or image :-

PAIRED TERRACES

INCISED MEANDER

WATERFALL

LATEST FLOOD PLAIN

GREATER VERTICAL EROSION

OLD FLOOD PLAINS