

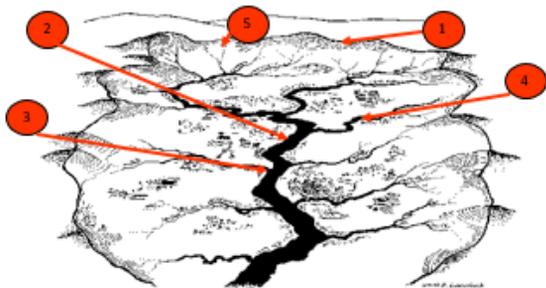


Geog your memory...



Name the features of the drainage basin:

- 1=
- 2=
- 3=
- 4=
- 5=



The long profile of a river shows you how the gradient (steepness) changes over the different sections. Describe the gradient for the following:

1. Upper Course
2. Middle Course
3. Lower Course

Describe the characteristics of the cross profile of a river's upper, middle and lower course.

Upper Course=



Middle Course=



Lower Course=



Where is vertical erosion more dominant?

Place labels A, B, C and D on the map below in the correct places.



A: Upland Area of the Cambrian Mountains

B: Lowland area of The Fens

C: The Atlantic Ocean

D: River Severn

River processes

1. Name and explain four processes of river erosion.
2. Name and explain four processes of river transportation.
3. When does deposition occur?



Geog your memory...



Name 3 river landforms that are created by the process of erosion.

Explain how a V-Shaped Valley may form.

Name 3 river landforms that are created by the process of deposition.



Explain how a waterfall may form.

Explain how a meander may form.

Identify the feature shown in the diagram.
Shade one oval only.

- A Levee
- B Estuary
- C Floodplain
- D Gorge



Explain how this feature is formed.



Geog YOUR memory...

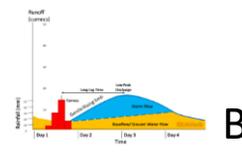
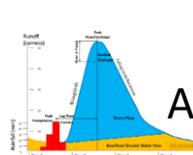


Highlight the physical factors that affect flooding in one colour and the human factors in another.

Explain one human and one physical

- Precipitation
- Deforestation
- Geology
- Melting glaciers
- Urbanisation
- Relief

Study the two hydrographs A and B.



Which one is most likely to flood? Suggest two reasons for your answer.

Hard engineering strategies are manmade structures built to control the flow of rivers and reduce flooding.

State 4 hard engineering options used to manage a river:

- 1.
- 2.
- 3.
- 4.

Soft engineering strategies are less intrusive, work with the river landscape and are usually more sustainable.

State 4 soft engineering options used to manage a river:

- 1.
- 2.
- 3.
- 4.

Case study of a flood management scheme- Boscastle, Cornwall, UK

Annotate the diagram to show two ways in which the River Valency has been managed.



Complete this case study for an example of a river valley in the UK- The River Tees



Location and Background

The River Tees is in the county of..... The source at the which is in the It flows through Shropshire, It flows into the

Course of The River Severn

The upper course features include Cow Green The highest waterfall is There are rapids called.....The middle course features include meanders andThe town ofis built inside a meander. In the lower course a floodplain can be found. As the river approaches the North Sea, it widens to form an..... The land here is used for heavy industry as the mud flats have been around the town of Stockton on Tees.

Missing words:

North Sea reservoir Cauldrons Snout Yorkshire
ox bow lakes Yarm estuary reclaimed Cross Fell Pennine hills High Force