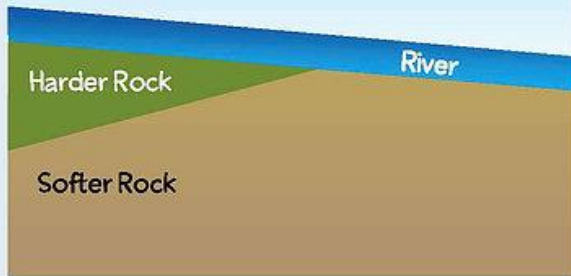
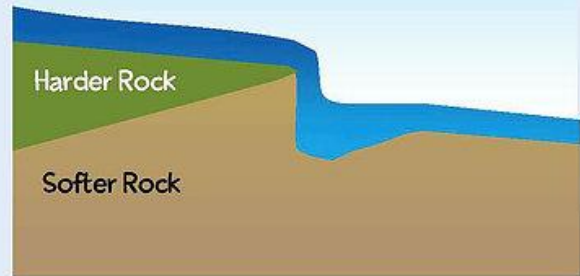


# How are waterfalls formed?

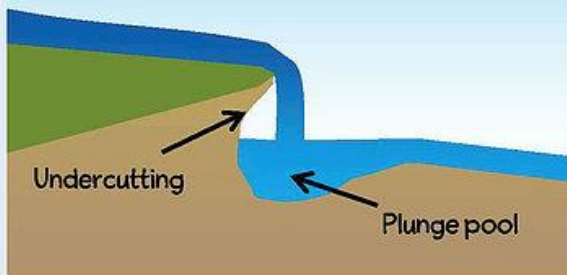
- 1 Waterfalls are formed when a river flows over a layer of harder rock followed by a layer of softer rock.



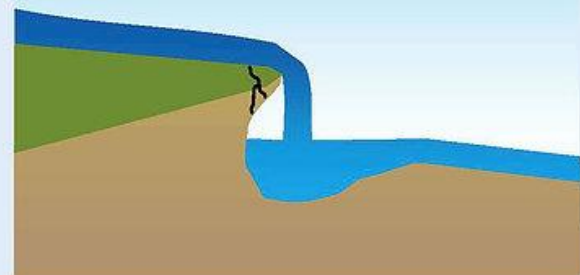
- 2 The soft rock erodes more quickly forming a step in the river bed.



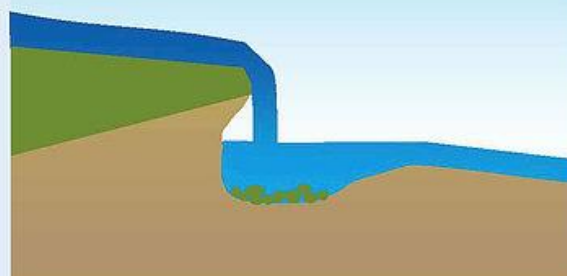
- 3 The force of the water undercuts the hard rock and creates a plunge pool.



- 4 The hard rock is left overhanging and because it isn't supported, it eventually collapses.



- 5 The fallen rocks crash into the plunge pool and they swirl around causing more erosion.



- 6 Over time, this process is repeated and the waterfall moves upstream.

