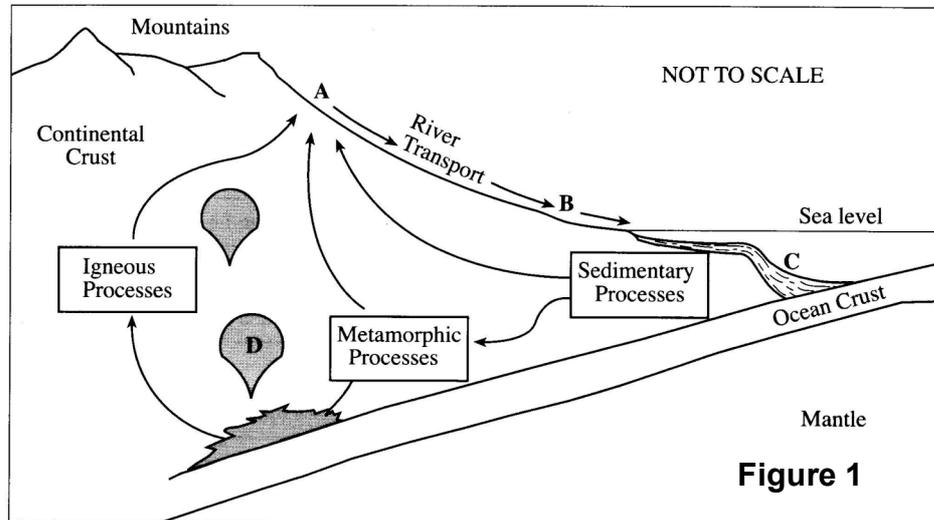




## Extension Question: The Rock Cycle



**Q1.** Figure 1 shows part of the Earth's crust and the locations where some Rock Cycle processes take place.



(a) Rock is broken down by frost, rain and sun at **A**.  
What **name** is given to this process?

.....

(b) How are sediment grains in a river changed during transport from **A** to **B**?  
State **two** differences in the likely appearance of the grains.

1. .... 2. ....

(c) How do loose sediments at **C** become changed into solid rock?  
Describe **two** changes that happen as the grains are buried beneath more layers of sediment.

1. ....

2. ....

(d) Rocks that are deeply buried in the Earth's crust may undergo *metamorphism*.  
Describe **two** changes that happen in rocks during metamorphism.

1. ....

2. ....

(e) Earth scientists use the word **uplift** to include many processes by which rocks, once deeply buried within the Earth's crust, may be brought up to the surface.

Explain **one** way that rocks may be uplifted. A diagram may help.  
(answer on separate paper)