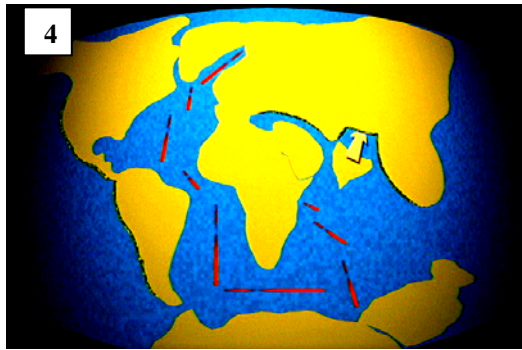


Name: _____

Klasse: _____

Plate Movement – Solution

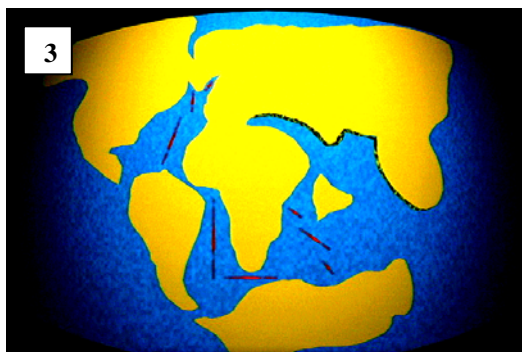
- Place the graphics in the right order and decide what happened when: 300 mill. years ago, 200 mill. years ago, 65 mill. years ago, 20 mill. years ago.
- Give a short description of the proceedings in each period.



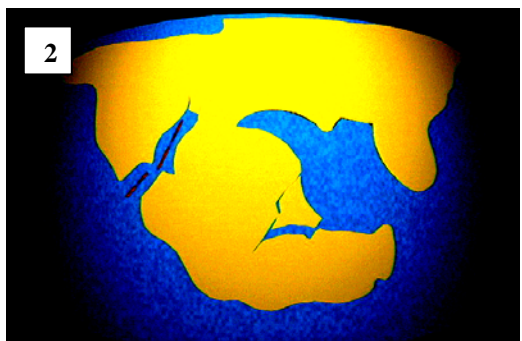
20 mill. years ago: The oceanic part of the Indian Plate subducts under the Eurasian Plate. The continental plates collide – a collision of India and Asia which produces the Himalayas. Africa drifts northwards and eventually comes upon the Eurasian Plate. Here, too, two continents meet. The mountain ranges surrounding the Mediterranean are raised.



300 mill. years ago: Africa and America were part of a giant supercontinent called Pangaea. Scientists call its northern part Laurasia, its southern part Gondwana.



65 mill. years ago: The North and South Atlantic have already opened. India has drifted far to the north. Antarctica and Australia have separated also.



200 mill. years ago: Pangaea began to break apart. The North American Plate was the first to separate from the supercontinent. The Atlantic opened, initially only in the north. India, too, began to separate from Pangaea.