

1. Which observations supported Alfred Wegener's theory of continental drift during his lifetime? Choose more than one answer.

- Shapes of continents resemble puzzle pieces
- Volcanoes erupt frequently in Ring of Fire
- Similar fossils found oceans apart
- Age of seafloor increases with distance from Mid-Atlantic Ridge
- Similar rock layers found oceans apart
- Himalayas continue to grow

2. Fill in the blanks to complete the sentences.

lithosphere	Harry Hess proposed the idea of to explain the
seafloor spreading	formation of new rock at underwater ridges. Intense heat at Earth's core creates
rock cycle	 in the mantle, which in turn leads to movement in the
convection currents	 Plate tectonics drives the transformation of
sedimentary rock	 into metamorphic and igneous rock during the

3. Match each continent with its most likely neighbor in Pangaea.



4. Group the labels according to the type of plate boundary they describe.

- High seismic activity
- Plates collide
- Mid-Atlantic Ridge
- Himalayas
- Plates pull apart
- Subduction zones

