

Name \_\_\_\_\_

## The Magical World of Islands: How Are They Formed?

### Short Answer Key

1. Volcanic islands are formed when magma erupts from underwater volcanoes, building up layers of solidified lava until they rise above the ocean's surface.
2. Coral atolls are composed of coral reefs that grow around the rim of underwater volcanoes. As the volcanoes erode and sink, the coral reefs continue to grow, creating circular or ring-shaped atolls.
3. Sandbar islands, also known as barrier islands, are formed by the movement of sand and sediment along coastlines. An example is the Outer Banks of North Carolina, USA.
4. Tectonic plate movements can create islands by forcing land upward or forming rift valleys that eventually fill with water. An example is Iceland, located on the Mid-Atlantic Ridge.
5. Artificial islands are man-made land masses created for various purposes, such as urban development or coastal protection. An example is the Palm Islands in Dubai, UAE.

