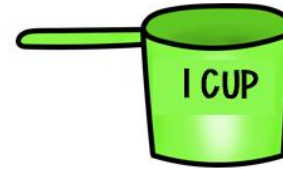


CAKE MIX

Scientists believe that the earth was formed about 4.4 billion years ago. Landforms are natural features of the earth's surface. They happen over millions of years. Wind, water, ice, and living things destroy or help create the changing surface of the earth. High landforms include mountains, plateaus, and mesas. They can be created by or in water like other landforms including deltas and islands.



Which of the following is not considered a high landform?



Mesa



Delta



Mountain



Plateau

NEXT CLUE:

The ingredient that includes a drink but it's not coffee and is not pink.

BAKING SODA

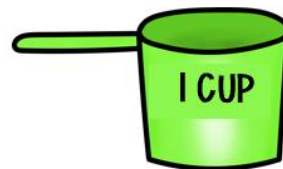
Mountains

Mountains are the highest landforms on earth. They usually have a cone shape and peak on top. Mountains can be formed by the earth's crust squeezing together. Sediment below the surface can creep upward to create mountain ranges. Volcanoes also help develop many mountains. Molten lava

flows out of the volcano and hardens on the earth's surface. Lava layers help form mountains over extended periods of time.



Mountains can be formed by the earth's _____ squeezing together.



Outer core



Inner core



Mantle



Crust

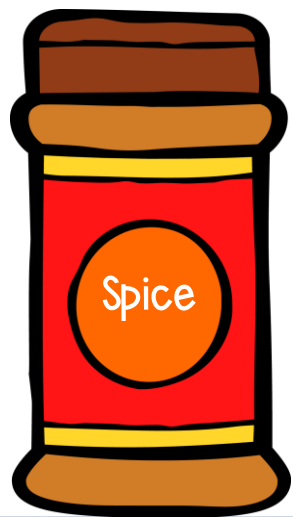
NEXT CLUE:

The next ingredient rhymes with power.
It's white and fluffy but is not sour.

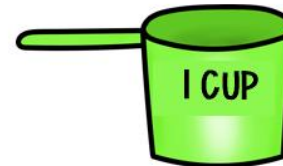
SPICE

Plates and magma start creating pressure. Magma and gases build up. Eventually, they explode through holes and vents in the crust. Magma turns into lava once it reaches the air. Over millions of years, lava that has cooled and hardened forms mountains. Most volcanic mountains are found where two plates meet.

The largest volcano on earth is Mauna Loa on the Hawaii Big Island.



Where is the largest volcano on earth?



Alaska



Colorado



Oregon



Hawaii

NEXT CLUE:

One more ingredient that's in a shaker is the opposite of pepper, used by a baker.

BROWN SUGAR

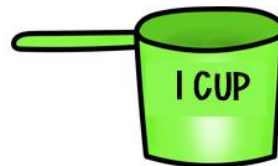
Islands

Islands are plots of land that are entirely surrounded by water. Magma (molten rock) beneath the earth's crust churns. This causes the tectonic plates to shift and sometimes collide. This can lead to volcanic eruptions, which can ultimately create an island. Islands can also form by breaking off from a larger piece of land. The

eruption of dirt and fragments from ocean currents can also create an island. A large group of islands is called an archipelago. A famous island that is actually a continent is Australia.



What is a large group of islands called?



Crater



Archipelago



Atoll



Plateau

NEXT CLUE:

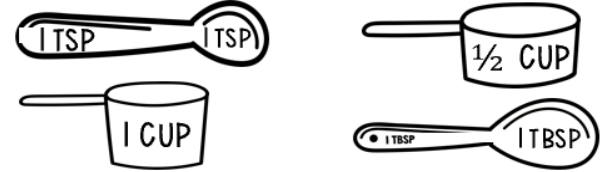
The next ingredient rhymes with lips, they're used in cookies and sometimes dips.

Name: _____

Icing



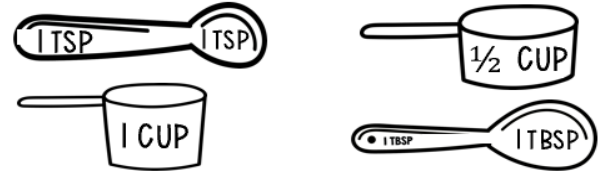
Spice



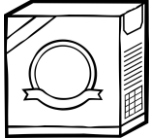
Chocolate Chips



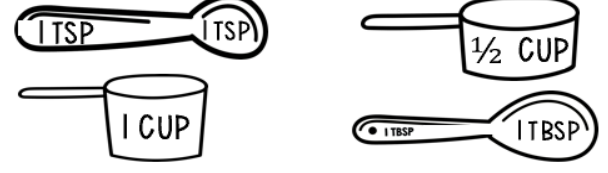
Cake Mix



Baking Soda



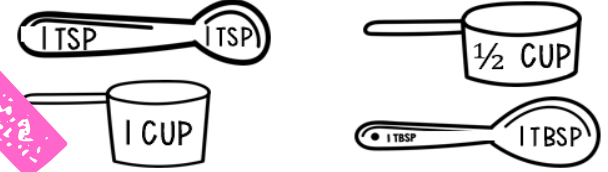
Sugar



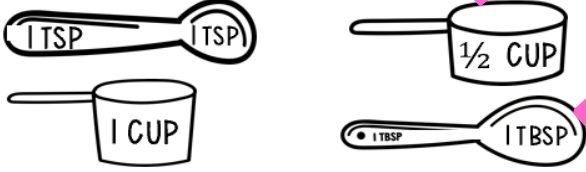
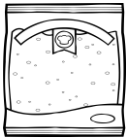
Oil



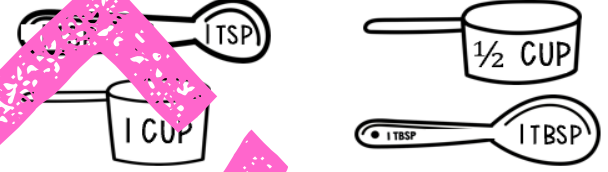
Salt



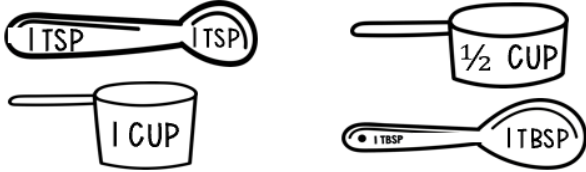
Brown Sugar



Vanilla



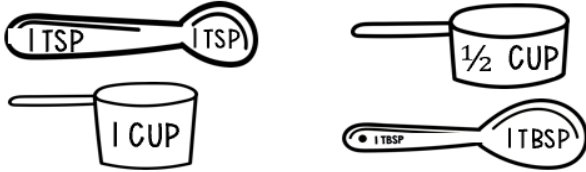
Sprinkles



Marshmallows



Salt



Eggs

