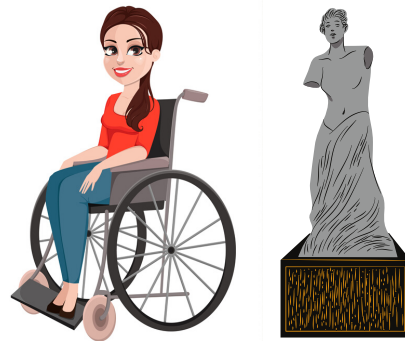


Name: _____

Introduction to Using Latitude and Longitude

Meet Allison. She is sculptor. A sculptor is a type of artist!



Sculptors design sculptures, which are 3-dimensional objects. A 3-dimensional object is an object that you can walk around on all sides. Some sculptures are big and some are really small!



Some sculptors design sculptures that are placed on the side of a highway. People driving on the highway can visit the sculptures and take photos with them. Take a look at these photos of highway sculptures across the country!



Today, you will help Allison design three new sculptures. Then, you will label a map to show what states the sculptures will be placed in. Follow the steps on the next page.

Name: _____

Introduction to Using Latitude and Longitude

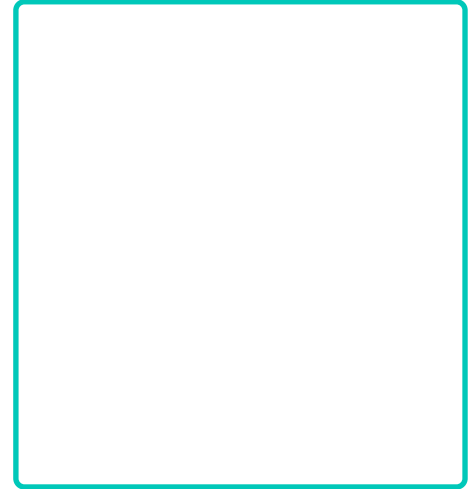
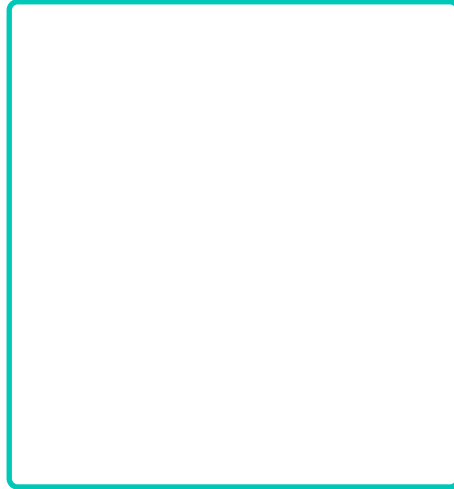
Step 1: Design New Sculptures

Below is a list of 3 sculptures you need to design. Draw a picture in the boxes below based on the name of the sculptures.

Sculpture #1: Scared Pencil

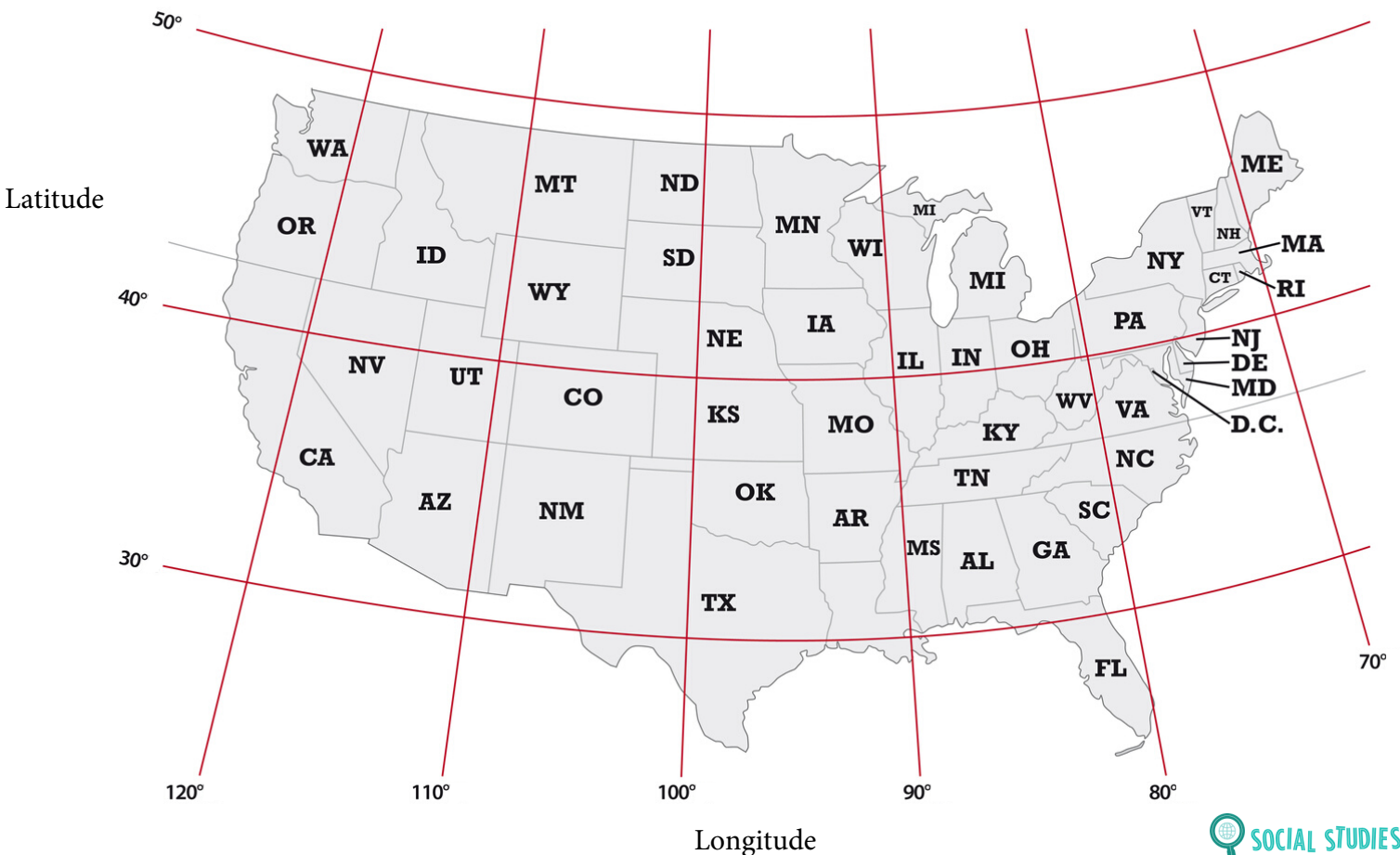
Sculpture #2: Silly Backpack

Sculpture #3: Confused Eraser



Step 2: Label a Map

Allison left you instructions about which states will have the sculptures. The instructions have the longitude and latitude for the states the sculptures are in. Longitude and latitude lines are imaginary lines drawn on maps. Longitude lines go up and down the map and latitude lines go across the map. People use these lines to find the location of places and landmarks on a map.



Name: _____

Introduction to Using Latitude and Longitude

Below is a list of the sculptures and the location of their longitude and latitude. Use the map to figure out which state the sculptures will be placed.

Sculpture: Wacky Pencil

Longitude: 110 degrees

Latitude: 40 degrees

What state is this? _____

Sculpture: Silly Backpack

Longitude: 90 degrees

Latitude: 40 degrees

What state is this? _____

Sculpture: Confused Eraser

Longitude: 105 degrees

Latitude: 40 degrees

What state is this? _____

Step 3: Find New Locations

Now it is your turn to pick where the sculptures will go. Pick three places on the map where you would want to put each of the sculptures. In the lines below, pick a state for each sculpture and then pick a longitude and latitude for the exact location of the sculpture.

Sculpture: Wacky Pencil

State:

Longitude:

Latitude:

Sculpture: Silly Backpack

State:

Longitude:

Latitude:

Sculpture: Confused Eraser

State:

Longitude:

Latitude: