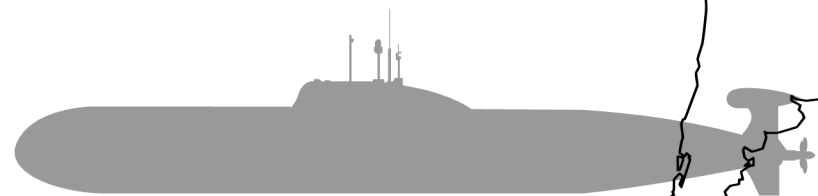


# Elevations and Depths Exploration



An inquiry into negative numbers and our planet



## Time to explore!

### Elevations

1- Mt. Everest

2-

3-

4-

5-

### Depths

6- Mariana Trench

7-

8-

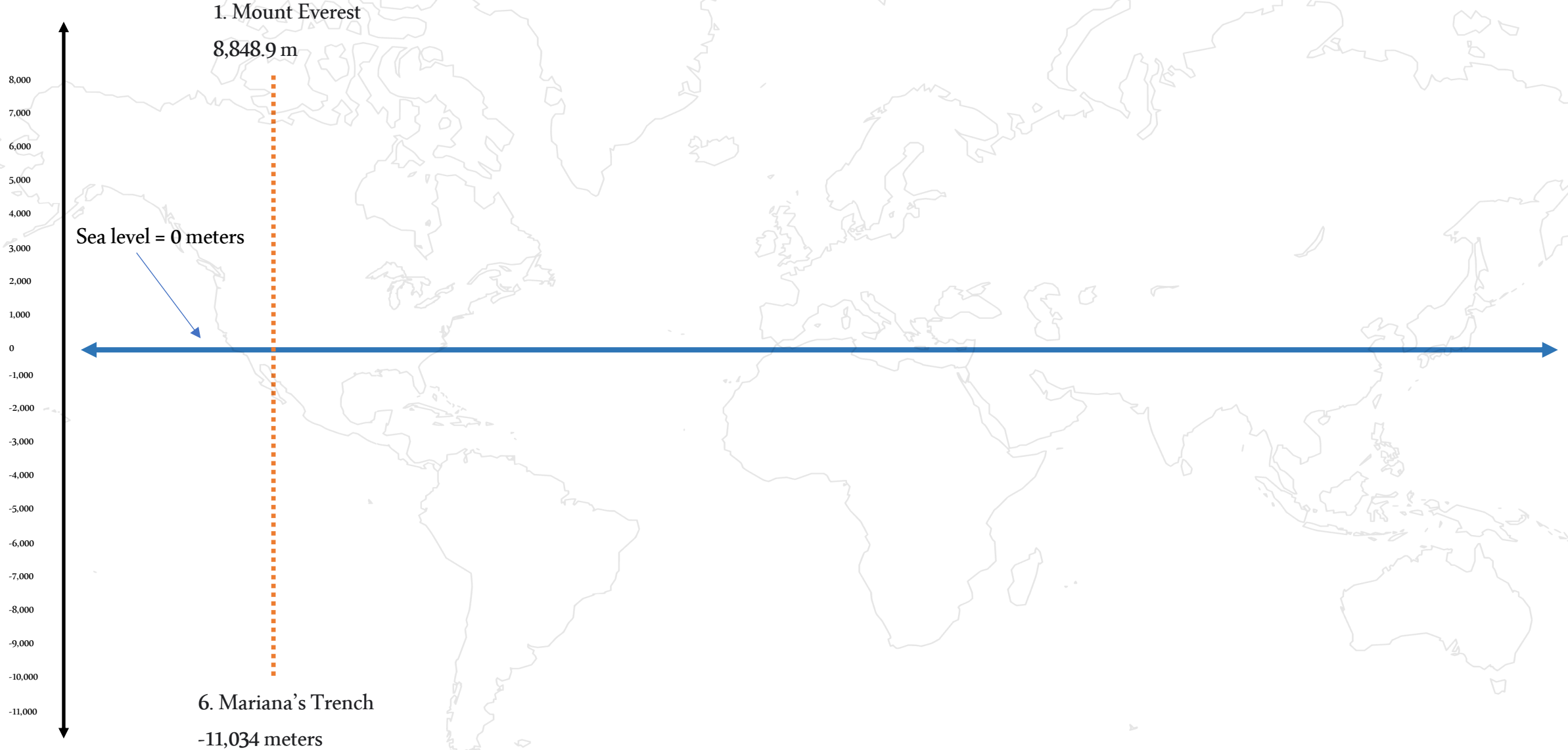
9-

10-

Go on an exploration to find 4 elevations and 4 depths that interest you. They don't need to be the highest or lowest points on the planet, rather they should be places that interest you! Once you've completed your exploration, mark your points with a dot and number (making sure to right their names on the key to the right!)

# Recording your depths and elevations

Label your locations in pairs on the sea level line below. Take a look at the example below.



# Solving questions using negative numbers

Solve the questions below based on the elevations and depth you explored earlier.

Write the difference between each pair of elevation and depth you explored below:

Pair 1

Mount Everest: 8,848.9 m

Mariana's Trench: -11,034 meters

Difference: 19,882.9

Pair 2

Pair 3

Pair 4

Pair 5

Choose 3 of your depth locations.. How far below sea level would they be combined?

Where else would you find negative numbers in the real world? Think of 3 different examples: