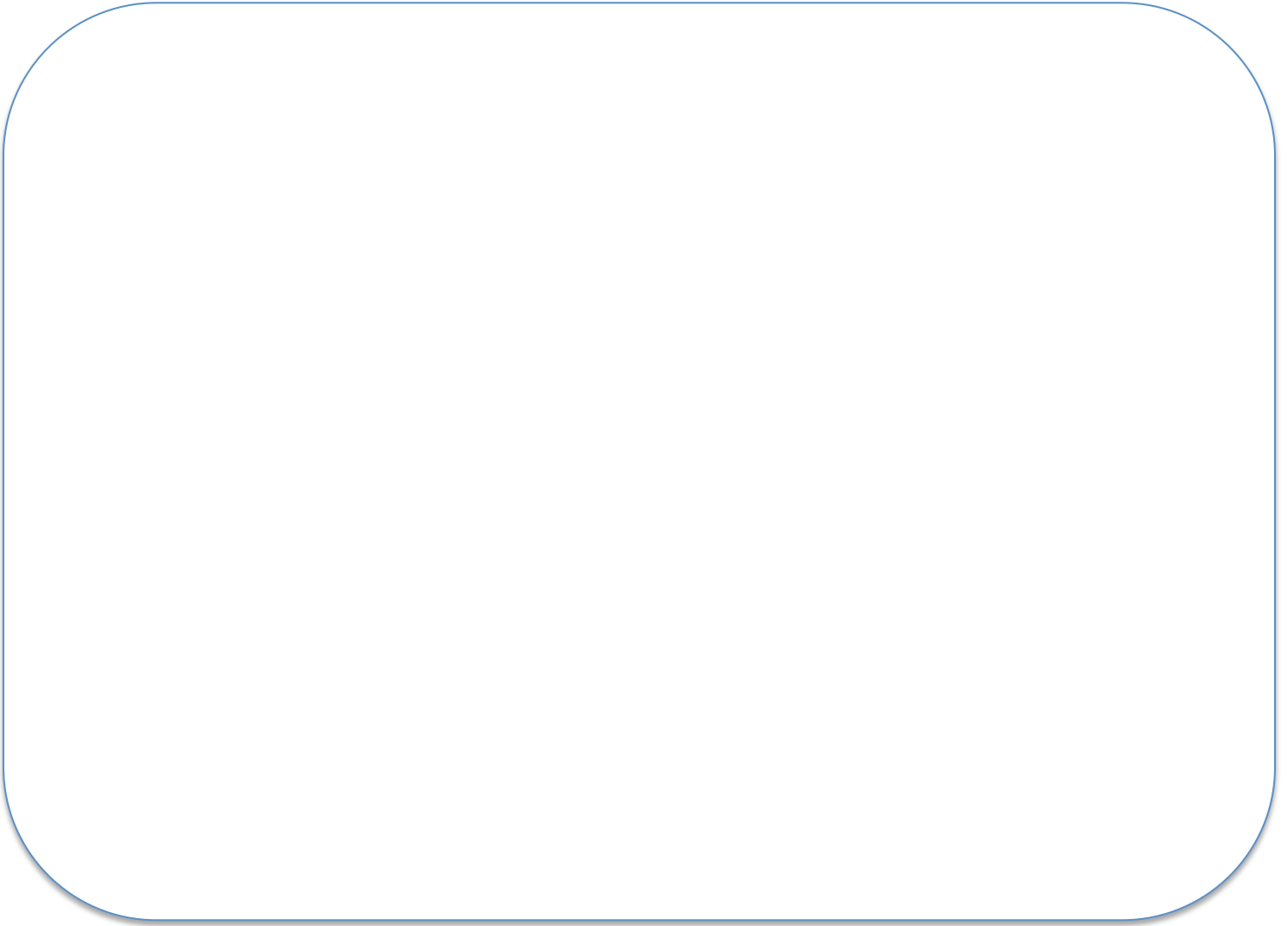


## Law of Superposition Log Book

In the box below, draw what your stack of coins looks like and label the width of each band.



Which of these bands was the oldest and which was the youngest? Label both of these on your picture.

Are all of the layers the same width? Why do you think that is, even though you put coins in for the same amount of time?

What are the strengths and weaknesses with this model? Do you think this is always how rock layering occurs?

What factors could play a role in these layers looking different over time? For example-is there anything in nature that would make this stack come out of a straight line across?

If you had to explain the Law of Superposition to a younger sibling who is in first grade, what would you tell them?

Why does the oldest rock layer have to go at the bottom of the rock pile? Why could it not go on the top?