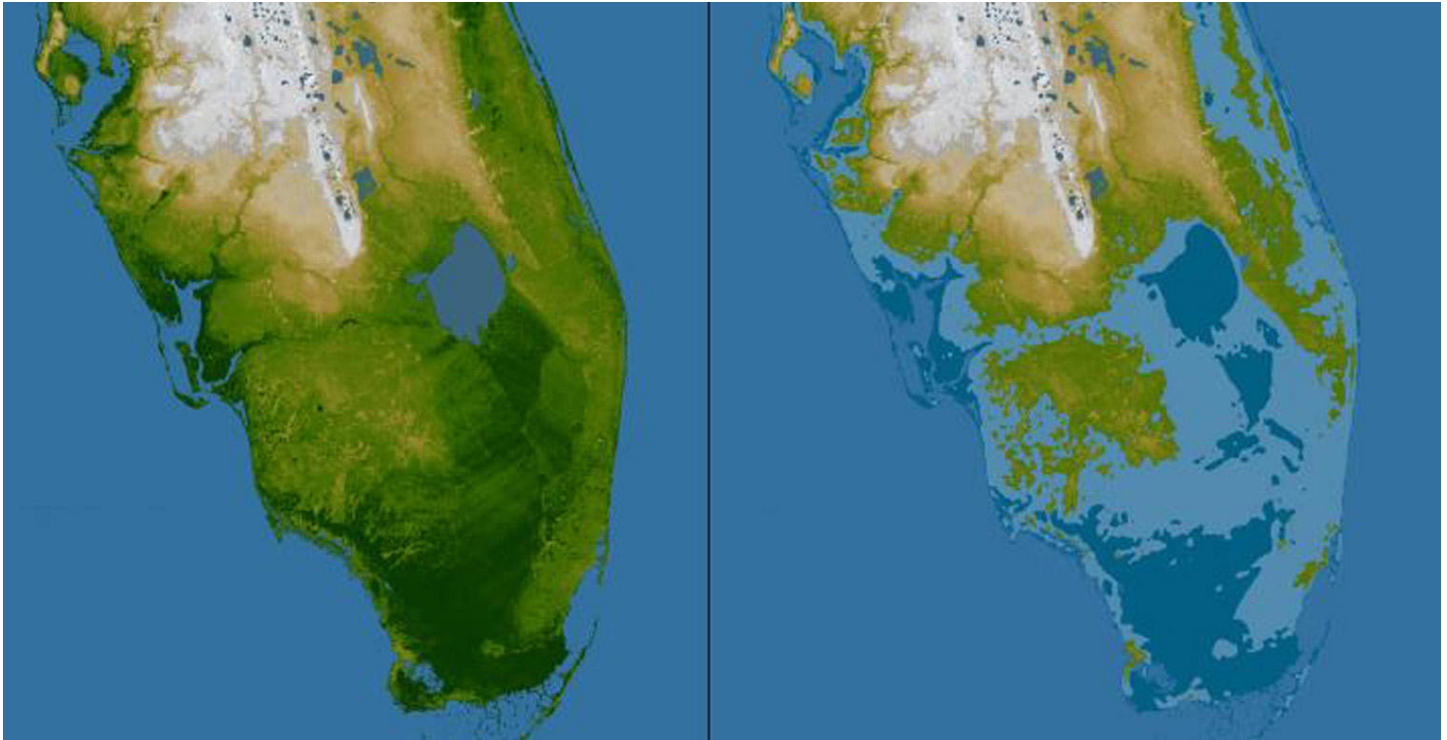


NAME: _____

DATE: ____ / ____ / ____

SEA LEVEL RISE & FLORIDA'S COASTLINE



1. Make a prediction: What will cause more sea level rise- land ice melting, or sea ice melting? Why?

2. Draw a picture to help explain your answer.



3. After following the directions for your group (1 or 2), write down your sea level in cm

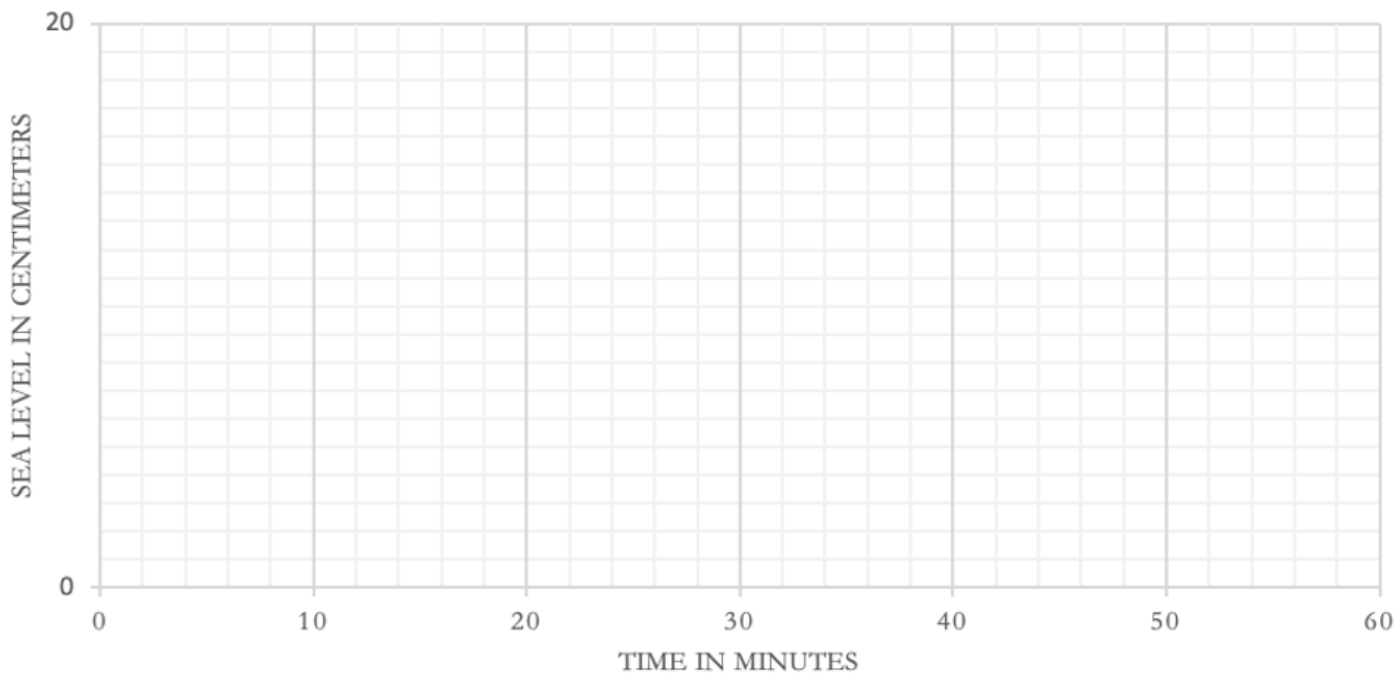
4. Does your model have land ice or sea ice?

5. Measure the sea level every 5 minutes and fill in the chart.

TIME IN MINUTES	SEA LEVEL IN CENTIMETERS
5	
10	
15	
20	
25	
30	
35	
40	
45	
50	
55	
60	

6. Use your measurements to make a graph of your data.

SEA LEVEL IN CENTIMETERS



CLAIM-EVIDENCE-REASONING

7. Which type of ice melt causes more sea level rise?

CLAIM: _____ ICE MELTING CAUSES MORE SEA LEVEL RISE.

EVIDENCE: USE THE DATA FROM YOUR CHART AND FROM THE OTHER GROUP. WHICH ONE HAD A HIGHER LEVEL AFTER AN HOUR?

REASONING: WHY DOES THIS HAPPEN?

8. Which parts of Florida are most likely to experience sea level rise?

