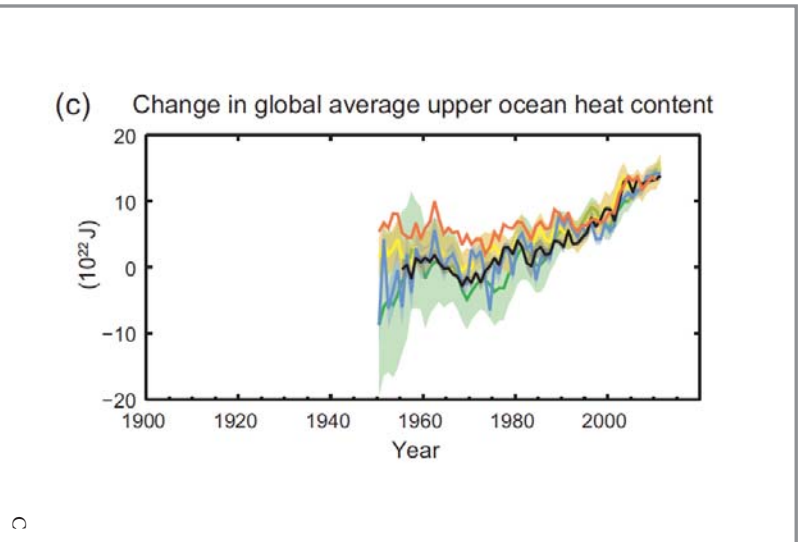


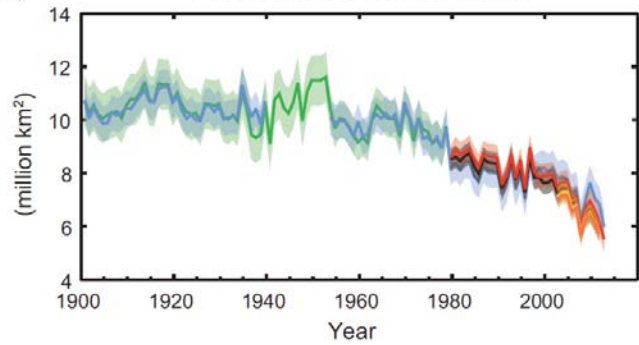
Student Name:
Teacher Name:
Class Name/Subject:
Period:
Assignment Week #: 1

Cut out each card. Match each graph with the corresponding scientific conclusion based on the data presented.



“There’s more CO_2 in the atmosphere now than there used to be. CO_2 is carbon dioxide and it causes the air to hold heat.”

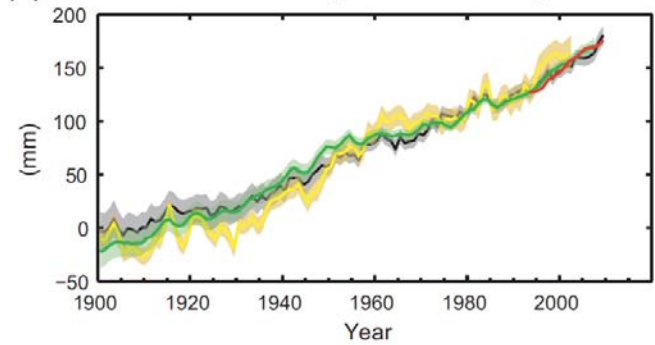
(b) Arctic summer sea ice extent



10

“The oceans are getting warmer.”

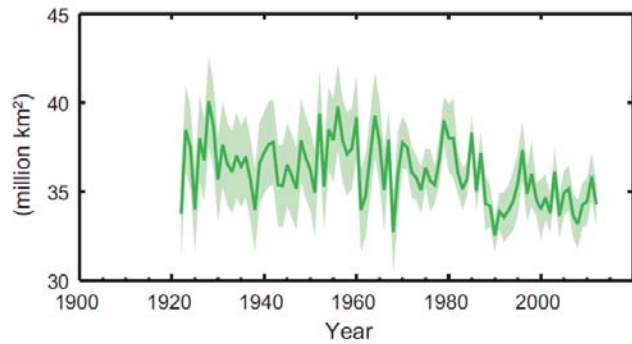
(d) Global average sea level change



10

“Sea level is going up as climate warms. This makes towns and cities near the ocean at risk of flooding.”

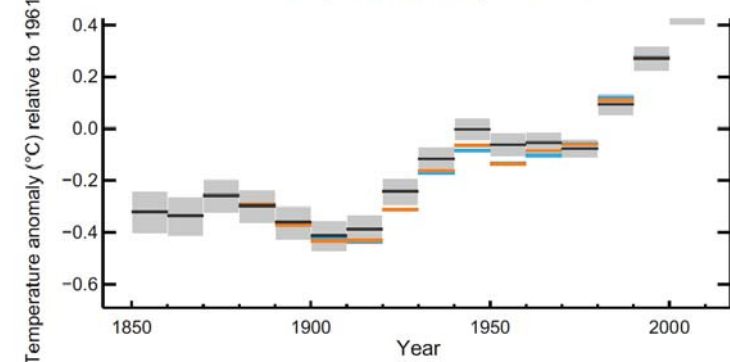
(a) Northern Hemisphere spring snow cover



3

“My grandmother says that winters are less snowy now than they were when she was a kid in the 1950s.”

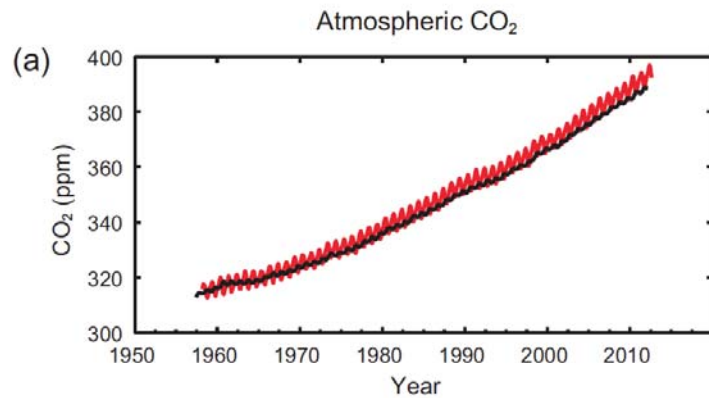
Observed globally averaged combined land and ocean surface temperature anomaly 1850–2012



4

There is about half the amount of ice near the North Pole than there used to be.”

4



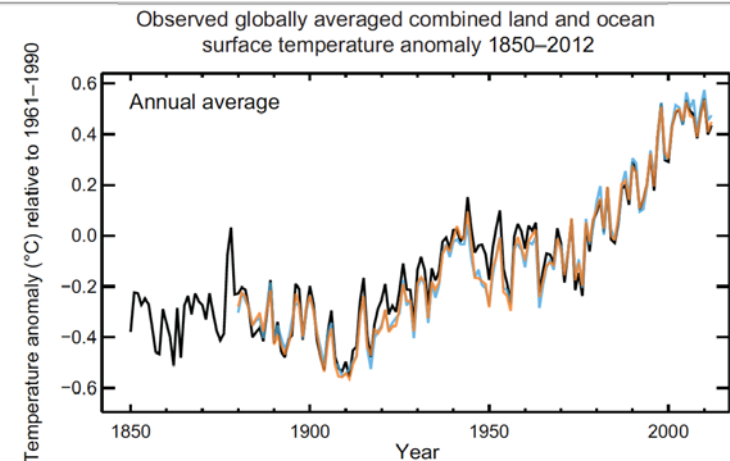
1

“On average, the 1980s were warmer than the 1970s, the 1990s were warmer than the 1980s, and the 2000s were warmer than the 1990s.”

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“Sure, there’s some variation, but, in general, climate is getting warmer.”

2



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