Year 13 Science: Investigating an Earth and Space Science issue in Aotearoa

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. A town's land is rising at 1.0 mm a year. Using 0.56 m of global rise from 2005 to 2100, find the local rise.

2. How many times faster was global sea level rising in 2006 to 2018 (3.7 mm a year) than in 1901 to 1971 (1.3 mm a year)?

3. A property developer's blog says sea level rise is exaggerated, with no data. How should you treat it in your report?

4. A council plans to move houses away from an eroding coast over 30 years. Which type of response is this?

5. Why can parts of Wellington face a faster local rise than the global average?

Fix the mistake

6. Correct this statement: "Melting sea ice around Antarctica is a main cause of sea level rise."

7. Correct this statement: "My personal response: I think it is a big problem and someone should fix it."

8. Correct this statement: "Every source agreed, so I only needed three websites."

9. Correct this statement: "Local sea level will rise exactly as much as the global average."