**Investigation 4B: Infrared Radiation and Atmospheric CO2**

1.

a. a decrease

b. an increase

2.

a. shorter

b. longer

3.

a. 0%

b. 50%

c. 100%

4.

a. the same across all wavenumbers

b. selectively at different wavenumbers

5.

a. an increase

b. no change

c. a decrease

6.

a. 650

b. 2350

c. 3700

7.

a. will

b. will not

8.

a. widened

b. did not change

c. narrowed /shrunk

9.

a. 15.4

b. 15.7

c. 16.3

10.

a. increases ... decreases

b. decreases ... increases

c. increases ... remains the same

11.

a. 0.5

b. 2.2

c. 15.4

12.

a. 0.5

b. 2

c. 9

13.

a. 1.0%

b. 10%

c. 32%

d. 38%

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