**Investigation 8A: Volcanoes and Earth’s Temperature**

1.

a. west to east

b. east to west

2.

a. only in the tropical latitudes

b. only in the Northern Hemisphere

c. from tropical to polar latitudes in the Northern and Southern Hemispheres

3.

a. –0.26

b. –0.28

c. –0.30

4.

a. 1600s

b. 1700s

c. 1800s

d. 1900s

5.

a. 1482

b. 1600

c. 1815

6.

a. Pinatubo

b. St. Helens

c. Krakatau

7.

a. 3

b. 4

c. 5

8.

a. 3

b. 5

c. 9

9.

a. 15%

b. 25%

c. 35%

10.

a. likely

b. not at all likely

11.

a. 2

b. 3

c. 4

12.

a. Shikotsu

b. Sakur-Jima

c. Komaga-Take

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