Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pd\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Bellwork Week 5

1. The change in position of the ball during each play of a football game is measured in yards.

A. What integer best represents a gain of 5 yards?

B. What integer best represents a loss of 15 yards?

2. Death Valley is at an elevation of –282 feet and Tallahassee is at an elevation of 203 feet.

A. Use an inequality symbol (> or <) to compare these two elevations.

B. Use an inequality symbol to compare the *absolute values* of these two elevations. Explain what this tells you about Death Valley and Tallahassee.

3. A US Navy submarine, SeaWolf, is 40 feet below sea level while another, Nautilus, is 100 feet below sea level.

A. Write integers that describe each submarine’s position relative to sea level.

|  |  |
| --- | --- |
| SeaWolf | Nautilus |
|  |  |

B. Write an inequality that compares these integers.

4. What is the difference in temperature between City #1 and City #2?

|  |  |
| --- | --- |
| CITY | TEMPERATURE |
| City #1 | -8 |
| City #2 | 25 |
| City #3 | 43 |
| City #4 | -16 |

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Pd\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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