**Integers Review Unit**

**Learning Target 2: Compare and Order Integers**

**Example 1:**

**The low temperature in Anchorage, Alaska, one day was –9°F. On the**

**same day, the low temperature in Flagstaff, Arizona, was 26°F. Write**

**an inequality to compare the temperatures.**

−9 < 26;

**Explain the meaning of the inequality**.

*Sample answer: A temperature of −9°F is lower than a temperature of 26°F.*

**Example 2:**

**Order the set {–55, 143, 18, –79, 44, 101} from least to greatest.**

*Compare negative numbers*.

*The negative integers are –55 and –79*.

*–79 < –55*

*Then compare the positive numbers.*

*The positive integers are 143, 18, 44, and 101.*

*18 < 44 < 101 < 143*

*So, the order from least to greatest is –79, –55, 18, 44, 101, and 143.*