Name: _____

---

1. Complete the following patterns.

(a) -6, -5, -4, -3, ☐, ☐, ☐, ☐ .

(b) 12, 10, 8, 6, ☐, ☐, ☐, ☐ .

(c) 19, 15, 11, 7, ☐, ☐, ☐, ☐ .

(d) -17, -16, -14, -11, ☐, ☐, ☐, ☐ .

2. Place the correct symbol ($<$ or $>$) between the following pairs of numbers.

(a) -4 ☐ 2   (b) 5 ☐ -3

(c) 0 ☐ -4   (d) -3 ☐ -7

3. Write these numbers in order from the smallest to the largest.

-4   6   0   -10   8   -1   9   -13

_____

4. What is the gap between the following pairs of numbers.

(a) -2, 5 ☐   (b) -12, -5 ☐

5. On a particular day the maximum temperatures of four cities are listed below.

City	Temperature
Sydney	19°C
Beijing	36°C
Oslo	-15°C
Boston	-9°C

What was the difference between the maximum temperatures for the following cities?

(a) Sydney and Oslo ☐

(b) Beijing and Boston ☐

(c) Oslo and Boston ☐

(d) Beijing and Sydney ☐

6. The overnight minimum temperature at Mount Kosciuszko was -18°C. The maximum temperature the next day was 7°C.
(a) What is the difference between these two temperatures?

☐

(b) The overnight minimum temperature on another night was -14°C. The temperature increased by 19° to the maximum temperature on the next day. What was the maximum temperature on the next day?

☐

(c) The maximum temperature on another day was 13°C. The temperature then dropped by 24° to the minimum on the following night. What was the minimum temperature that night?

☐

7. The coldest temperature ever recorded was -89°C at the Soviet Vostok Station in Antarctica on July 21, 1983.
The hottest temperature ever recorded was 57°C at Death Valley in California on July 10, 1913.
What is the difference between the coldest and the hottest temperatures?

☐