Ordering Integers

A) Order each set of integers from least to greatest.

1) 98, 5, 46, 19, 77, 24   _____

2) 56, −47, −11, 38, −62, −83   _____

3) −17, −71, 90, −25, −54, −39   _____

4) −31, −64, −95, −58, −82, −9   _____

5) 26, −91, 0, −13, 67, −55   _____

B) Order each set of integers from greatest to least.

1) −66, 82, −41, 8, 50, 32   _____

2) −70, −10, −84, −51, −23, −36   _____

3) 81, 68, 21, −18, 72, 94   _____

4) 2, 48, 37, 85, 53, 62   _____

5) 11, 62, −1, −74, 33, −99   _____

C) The following table represents the average temperature for 6 cities in the month of January. Order the cities from the coldest to the warmest temperatures.

City	Boston	Arizona	Winnipeg	Oymyakon	Las Vegas	New Delhi
Temperature (^{0}F)	29	54	−9	−50	47	45

_____

Answer key

Ordering Integers

A) Order each set of integers from least to greatest.

1) 98, 5, 46, 19, 77, 24   **5, 19, 24, 46, 77, 98**

2) 56, −47, −11, 38, −62, −83   **−83, −62, −47, −11, 38, 56**

3) −17, −71, 90, −25, −54, −39   **−71, −54, −39, −25, −17, 90**

4) −31, −64, −95, −58, −82, −9   **−95, −82, −64, −58, −31, −9**

5) 26, −91, 0, −13, 67, −55   **−91, −55, −13, 0, 26, 67**

B) Order each set of integers from greatest to least.

1) −66, 82, −41, 8, 50, 32   **82, 50, 32, 8, −41, −66**

2) −70, −10, −84, −51, −23, −36   **−10, −23, −36, −51, −70, −84**

3) 81, 68, 21, −18, 72, 94   **94, 81, 72, 68, 21, −18**

4) 2, 48, 37, 85, 53, 62   **85, 62, 53, 48, 37, 2**

5) 11, 62, −1, −74, 33, −99   **62, 33, 11, −1, −74, −99**

C) The following table represents the average temperature for 6 cities in the month of January. Order the cities from the coldest to the warmest temperatures.

City	Boston	Arizona	Winnipeg	Oymyakon	Las Vegas	New Delhi
Temperature (⁰F)	29	54	−9	−50	47	45

Oymyakon, Winnipeg, Boston, New Delhi, Las Vegas, and Arizona