

1A Compare and order rational numbers in various forms including integers, percents, and positive and negative fractions and decimals

1. Every year from 1980 to 1983, the temperature in Bozeman was recorded at 12:01 a.m. on January 1.

Year	Temperature
1980	1.29 °C
1981	-1.11 °C
1982	-5.05 °C
1983	0.21 °C

Which is a list of these temperatures in order from warmest to coldest?

- A** -5.05 °C, -1.11 °C, 0.21 °C, 1.29 °C
B 0.21 °C, -1.11 °C, 1.29 °C, -5.05 °C
C 1.29 °C, 0.21 °C, -1.11 °C, -5.05 °C
D 1.29 °C, 0.21 °C, -5.05 °C, -1.11 °C
2. The average monthly rainfall in Amarillo in 4.21 inches for March, 4.7 inches for April, 4.133 inches for May, and 4.031 inches for July. Which group of rainfall measures is in order from least to greatest?
- A** 4.7 in., 4.21 in., 4.133 in., 4.031 in.
B 4.031 in., 4.21 in., 4.133 in., 4.7 in.
C 4.7 in., 4.21 in., 4.031 in., 4.133 in.
D 4.031 in., 4.133 in., 4.21 in., 4.7 in.

3. The Overland Mall manager reviewed a report that showed the percent increase in sales at 5 stores.

Store 1	2.8 %
Store 2	2.75 %
Store 3	3.4 %
Store 4	0.85 %
Store 5	1.07 %

Which lists the percent increase in sales from least to greatest for all 5 stores?

- A** 0.85 %, 1.07 %, 2.8 %, 2.75 %, 3.4 %
B 3.4 %, 2.8 %, 2.75 %, 1.07 %, 0.85 %
C 0.85 %, 1.07 %, 2.75 %, 2.8 %, 3.4 %
D 3.4 %, 1.07 %, 2.8 %, 2.75 %, 0.85 %
4. The high temperatures recorded in Boulder, Colorado, for 5 consecutive days last winter were -7 °F, -5 °F, 0 °F, -1 °F, and 3 °F. Which shows the temperatures in order from coldest to warmest?
- A** 0 °F, -1 °F, 3 °F, -5 °F, -7 °F
B 3 °F, 0 °F, -1 °F, -5 °F, -7 °F
C -7 °F, -5 °F, 3 °F, -1 °F, 0 °F
D -7 °F, -5 °F, -1 °F, 0 °F, 3 °F