

Lesson 9: Comparing and Ordering Integers Name: _____

1. Order the integers in each set from least to greatest.
- a) 0, +6, -6, -10, +9 _____
 - b) +25, +17, -23, -8, +12 _____
 - c) +4, -9, +16, -25, +1 _____
 - d) -52, +45, +76, -30, -121 _____

2. Order these elevations from highest to lowest.
- _____ **Caspian Sea Shore:** 28 m below sea level
 - _____ **Elbrus, Russia:** 5642 m above sea level
 - _____ **Lake Assal, Djibouti:** 156 m below sea level
 - _____ **Eurasia Basin, Arctic Ocean:** 5450 m below sea level
 - _____ **McKinley, Alaska:** 6194 m above sea level

3. Use $<$ or $>$ to tell which number is greater or less

- | | | | |
|--------|-----|--------|-----|
| a) -8 | -7 | d) 0 | -11 |
| b) +9 | +20 | e) -23 | -32 |
| c) -12 | +4 | f) +15 | -3 |

4. The data show the temperatures in different cities on one day in March. Use these temperatures to answer the questions below.

Victoria: +10°C	Calgary: -6°C	Regina: +5°C
Winnipeg: -3°C	Toronto: +7°C	Quebec: -8°C
Moncton: +2°C	Halifax: -2°C	St. John's: -7°C
Charlottetown: 0°C	Iqaluit: -35°C	Whitehorse: -12°C
Yellowknife: -31°C		

- a) Which city has the highest temperature? _____
- b) Which city has the lowest temperature? _____
- c) Which cities have temperatures greater than -1°C? _____

- d) Which cities have temperatures between -6°C and +6°C? _____

- e) Which cities have temperatures that are opposite integers? _____

- f) Which cities have temperatures less than 0°C? _____

- g) Which cities have temperatures less than -5°C? _____
