

Homework Set 2 – Integers

1. The coldest temperature ever recorded was 128 degrees F below 0 at the Russian research station in Vostok, Antarctica, on July 21, 1983. Write this temperature as an integer.
2. The temperature outside was -8°F at Betty's house and -2°F at James' house. Where was the temperature warmer?
3. A small business reported a net loss of \$22,500 during its first year. In its second year, it reported a profit of \$34,600. Write each amount as an integer.
4. For one day, Mattie recorded the low temperatures in five cities. The temperatures were 5°C , -4°C , -6°C , 2°C , and 0°C . Write the temperatures in order from least to greatest.
5. Which number is **not** an integer?
 $-5, 3, 5, 0, \frac{1}{5}$
6. Honus says $|11|$ and $|-11|$ are the same number. Regina says $|11|$ and $|-11|$ are different numbers. Adam says $|11|$ and $|-11|$ both equal 0. Who is correct?

Use the table to answer the following questions.

7. Which continent has the highest point?
8. Which continent has the lowest point?
9. What is the overall change in North America's highest and lowest point?
10. What is the overall change in Europe's highest and lowest point?

Continent	Highest Point	Lowest Point
Africa	19,340'	-512'
Asia	29,028'	-1339'
Australia	7,310'	-52'
North America	20,320'	-282'
South America	22,834'	-131'
Europe	18,510'	-92'