



The City School

MATHEMATICS WORKSHEET NO. 2

Class: 7__ Name: _____ Date: _____

Topic: Integers

Solve word problems or evaluate arithmetical expressions involving integers.

(E.g. marking points on the fuel reader in a car, temperature, heights as compared to one marked point at the sea level).

1- Evaluate the following:

a) $6 + 27 \div 3$

b) $6 \times 3 + 8 \div 2$

c) $17 - 5 \times 3 + 1$

d) $12 + 6 \div 2 - 8$

e) $5 - 2(3 + 1)$

- 2- On a particular day, the lowest temperature was -12°C .
The difference between the lowest and highest temperatures was 7°C .
Find the highest temperature on that day.

- 3- During one week the temperatures at midnight were
 3°C 4°C 1°C -2°C 0°C -6°C -3°C
Find the difference between the highest and lowest temperatures.

- 4- Add brackets to the equation in the answer space to make it correct.

$$4 + 6 \times 7 - 5 = 16$$

- 5- James thinks of a **two-digit** number.
It is a **cube** number.
It is an **even** number.
What is his number?

- 6- There were 365 days in the year **1993**.
The first day of the year was a **Friday**.
On what day of the week did **1994** begin?