



# The City School

## MATHEMATICS WORKSHEET NO. 2

Class: 8 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  $-15^{\circ}\text{C}$ .  
The difference between the lowest and highest temperatures was  $9^{\circ}\text{C}$ .  
Find the highest temperature on that day.

- 3- During one week the temperatures at midnight were  
 $10^{\circ}\text{C}$        $4^{\circ}\text{C}$        $1^{\circ}\text{C}$        $-2^{\circ}\text{C}$        $0^{\circ}\text{C}$        $-16^{\circ}\text{C}$        $-3^{\circ}\text{C}$   
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?

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