Goodwill Secondary School **Directed Numbers**

Form 4

Name: _____

Answer ALL questions on this paper

Section A

Select the letter with the corresponding answer for EACH of the following.

1. Given -1 ☐ –25. The correct symbol for the space is

   (A) < (B) > (C) ≥ (D) =

2. The temperature in London was -1° C. The next day it fell by a further 4°C. What was the new temperature?

   (A) -1 – 4 °C (B) -1 + 4 °C (C) 4 – 1 °C (D) 1 + 4 °C

3. Kristel's cell phone shows a balance of $ -3. If she puts top-up worth $10 on the cell-phone account, what balance will it show?

   (A) $7 (B) $13 (C) $-13 (D) $ -7

4. All of the following statements are true **EXCEPT**

   (A) Zero is neither a negative nor positive number

   (B) -1 is the largest negative

   (C) -2 + 5 is the same as -5 + 2

   (D) Negative numbers are less than zero

5. Which of the following set of numbers is arranged in order of size **LARGEST** first?

   (A) -2, -12, 10, 0 (B) -12, 10, -2, 0

   (C) 10, 0, -2, -12 (D) -12, -2, 0, 10

LIVEWORKSHEETS

Section B:

Work out and record your answers on the lines provided

a. 2 - 3 = _____

b. 7+ - 5 = _____

c. 1- -1 = _____

d. -1- -1 = _____

e. -15 x -3 = _____

f. -12 ÷ 2 = _____

Section C

The table below shows the average temperature of the air over a six-month period in Montreal Canada. Answer the questions that follow the table.

MONTH	TEMPERATURE ° C
August	50
September	19
October	0
November	-4
December	-6
January	-11

(i) Which month was the coldest? _____

(ii) Which month(s) has temperatures that are neither negative nor positive? _____

(ii) How much colder was November than October?

_____

LIVEWORKSHEETS

(iii) Which two months had the greatest temperature difference?

_____

(iv) Calculate the sum of September and November's temperature

_____

End of Test

LIVEWORKSHEETS