# SuperNovaSchool
LEARN TO BE DISTINCT

## Grade VI – Mathematics
## Homework Worksheet

Name:_____         Grade: _____

Section: _____         Date: _____

**Q1) Fill in the blanks below.**

a)   If -6 represents 6 m below sea level, than + 30 represents _____

b)   If -60° represents a clockwise rotation of 60°, then +30° represents _____

c)   If above 0 is positive then below 0 is _____

d)   Negative sign represents value _____ than 0

**Q2) Compare using  <  or  >**

a) 16 _____ 60                    b) 3.1 _____ 3.2                    c) -6 _____ 8

d) 30 ____-31                    e) -2 _____ 0                    f) 9.8 _____ - 9.9

**Q3) Solve**

| a)  $5 + 7$ | b)  $40 - (-60)$ | c)  $16 \times (-10)$ |
|---|---|---|
| d)  $10 - 9$ | e)  $-40 + (-60)$ | f)  $15 \div (-5)$ |

**Q4) The temperature in Alaska is -6°C today. The weather station has reported that the temperature will drop by 15°C overnight. What will be the new temperature?**

_____

_____

**Q5) Round off the following:**

a)  78.913 (to nearest whole number)  _____

b)  18.09 (to nearest tenth)  _____

c)  67.485 (to nearest hundredth)  _____

d)  0.199 (to 1 significant figure)  _____

e)  408.543 (to 3 significant figures)  _____

f)  14.999 (to nearest 2 decimal place)  _____

**Q6) Simplify the following.**

| a)  $6 \times 2 + 4 \times 5$ | b)  $-3 \times 5 - 6 \times -8$ |
|---|---|
| c)  $4 \times (100 - 15)$ | d)  $\{6 + [5 \times (2 + 30)]\} \times 0$ |
| e)  $(5 + 6) \times 2 + (15 - 3 \times 2) - 6$ | f)  $(3 \times 7 - 4) - (4 + 6 \div 2)$ |