

# Revision sheet, Lesson (1)



## set of integers

### 1) Put the suitable sign ( $\in, \notin, \subset, \not\subset$ ):

- a)  $-8 \dots Z$
  - b)  $\{15\} \dots Z^-$
  - c)  $4.5 \dots Z$
  - d) zero  $\dots Z$
  - e)  $N \dots Z$
  - f)  $|-65| \dots Z^-$
  - g)  $Z^+ \dots N$
  - h)  $\{0\} \dots N$
  - i) The set of counting numbers  $\dots N$
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### 2) Complete

- 1) The set of non negative integers is.....
- 2) The set of non positive integers is.....
- 3)  $Z = Z^+ \cup \dots \cup \dots$
- 4)  $Z^- = Z - \dots$
- 5)  $Z = N \cup \dots$
- 6)  $N = Z^+ \cup \dots$
- 7)  $Z^+ \cap Z^- = \dots$
- 8)  $Z - Z^- = \dots$
- 9)  $Z^+ = N - \dots$
- 10)  $|-8| = x$  ,  $x = \dots$
- 11)  $|x| = 7$  ,  $x = \dots$
- 12)  $-|5| = x$  ,  $x = \dots$
- 13) The set of odd integers is.....
- 14) The set of integers between -4 ,5.....
- 15) The set of integers greater than -5 is.....