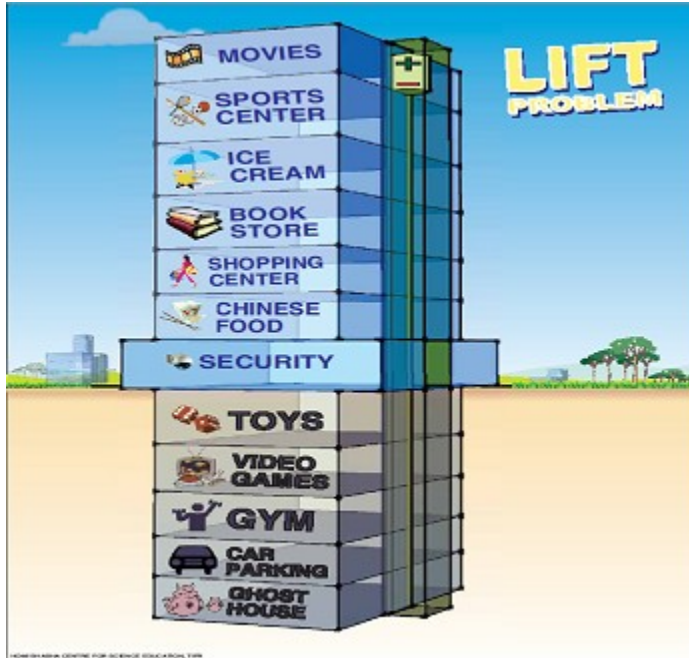


INTEGERS
Work Sheet No. 1

1. Write three situations where negative integers can be used.
2. Number the floors of this building suitably (number the ground floor as 0)



3. Write the floor numbers of the following shops

- i) Chinese Food : ____
- ii) Book store ____
- iii) Gym ____
- iv) Sports centre ____
- v) Ghost House ____

4. You enter the mall. Can you identify where you are in the figure?

5. Fill in the blanks

- i) You are on the ground floor and you need to buy some new clothes for your birthday.
You will go ____ floor(s) ____ (up/down) to buy new clothes.
- ii) After buying clothes in the shopping centre, you want to watch some nice 3-D movie.
You will go ____ floor(s) ____ (up/down) to watch the movie.
- iii) It is a fun day! You watched the 3-D movie and now you want to play video games.
You will go ____ floor(s) ____ (up/down) to reach the video game parlor

6. In the above problem (Qn. No.5), write the number of floors going up/down in terms of integers.

7. Write the position of each of the following floors from the floor number +3 (use integers to answer)

- i) Floor +5 _____ iii) Floor +1 _____
 ii) Floor -2 _____ iv) Floor -5 _____ iv) ground floor _____

8. Following is the temperature of different cities recorded.

Cities	Temperature
New Delhi	28° C
Chicago	-5° C
Beijing	-4° C
Moscow	-2° C
Hongkong	20° C
Trivandrum	24° C

- i) Which city is the coldest?
 ii) Name the cities where the temperature is below 0 C
 iii) Which city is warmer, Moscow or Beijing
 iv) Refer the table above and fill in the blanks using '<' or '>'
 a) 24 _____ 28 b) 28 _____ 24
 c) (-5) _____ (-2) d) 20 _____ (-4)
- v) Name the cities warmer than Chicago.

9. Following is the point scored by different teams in the number played in their class

Teams	points	Total points
A	+++ - - - -	
B	- - + - - - ++	
C	++++ - - - -	
D	+++ - - - +	
E	- - ++++++	
F	- - - - +	

- i) Find the total score of each team
 ii) Is it possible that the total score may be a negative integer? Why?
 iii) Refer the table and compare the following integers
 i) -1 - - - - 0 ii) +1 _____ -1 iii) -3 _____ +3 iv) +1 _____ -2
- iv) Which team scored highest points?
 v) Which team scored lowest points?
 v) Arrange the scores in ascending order