

CLASS Notes

**Class: VI**

**Topic: Worksheet**

**Subject: Mathematics**

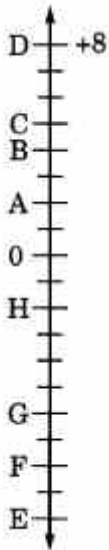
Choose the correct option:-

- Sum of two negative numbers is always
  - Positive
  - Negative
  - 0
  - 1
- Sum of -36 and 29 is
  - 65
  - 65
  - 7
  - 7
- Which of the following statement is false?
  - $-7 + (-6) = -13$
  - $-5 + 1 = 4$
  - $2 + (-1) = 1$
  - $8 + (-9) = -1$
- Fill in the blanks with  $>$ ,  $<$  or  $=$  sign.  $(-3) + (-6)$  \_\_\_\_\_  $(-3) - (-6)$ 
  - $>$
  - $<$
  - $=$
  - None of these
- Least number of line segments required to make a polygon is
  - 1
  - 2
  - 3
  - 4
- How many lines can be drawn through given two points?
  - Only one
  - 2
  - 4
  - Countless
- What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 6 to 3?
  - $\frac{3}{4}$  of a revolution
  - $\frac{1}{2}$  of a revolution
  - $\frac{1}{4}$  of a revolution

- (d) None of these
8. Where will the hand of a clock stop if it starts at 5 and makes  $\frac{1}{2}$  of a revolution, clockwise?  
 (a) 2  
 (b) 6  
 (c) 10  
 (d) 11
9. How many right angles do you make if you start facing south and turn clockwise to west?  
 (a) 2  
 (b) 1  
 (c) 3  
 (d) 5
10. Which of the following are models for perpendicular lines?  
 (a) The adjacent edges of a table top.  
 (b) The lines of a railway track.  
 (c) The line segments forming a letter 'B'.  
 (d) The letter V.

Solve the following questions:

11. Which direction will you face if you start facing:-  
 (a) east and make  $\frac{1}{2}$  of a revolution clockwise?  
 (b) east and make  $1\frac{1}{2}$  of a revolution clockwise?
12. Adjacent figure is a vertical number line, representing integers. Observe it and locate the following points:



- (a) If point D is +8, then which point is -8?  
 (b) Is point G a negative integer or a positive integer?  
 (c) Write integers for points B and E.  
 (d) Which point marked on this number line has the least value?  
 (e) Arrange all the points in decreasing order of value.

13. Add without using number line:

- (a)  $11 + (-7)$
- (b)  $(-13) + (+18)$
- (c)  $(-10) + (+19)$
- (d)  $(-250) + (+150)$

14. A machine, on average, manufactures 5,345 screws a day. How many screws did it produce in the month of March, 2006?

15. Write a digit in the blank space of each of the following numbers so that the number formed is divisible by 11:

- (a)  $9 \_ 53762$
- (b)  $64 \_ 2456$

16. Find the HCF of the following numbers:

- (a) 18, 48
- (b) 30, 42

17. The length, breadth and height of a room are 850 cm, 650 cm and 325cm, respectively. Find the longest tape that can measure the room's three dimensions exactly.