

Class: 7
Date: 14.05.15

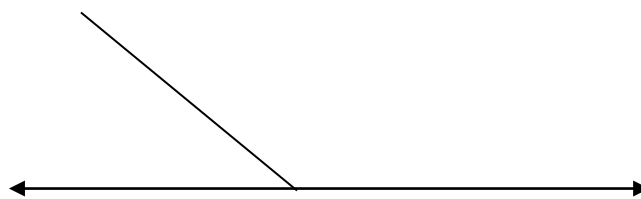
FIRST TERM UNIT TEST 2015-16
MATHS

Marks: 20
Time: 45 Mins

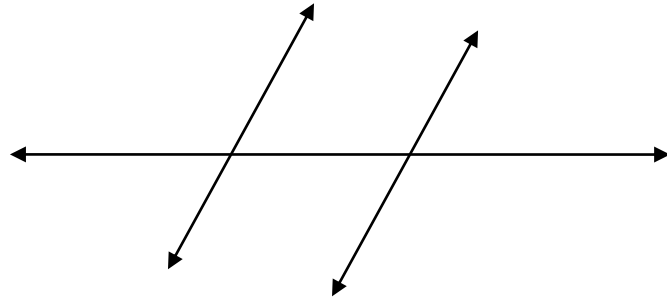
Note : All the answers should be done on the answer sheet.

1. Fill in the blanks: $(\frac{1}{2} \times 6=3)$
- a. $0 \div (-125) =$ _____
 - b. If the sum of two angles is 90° then it is said to be _____
 - c. $a(b+c) = a \times b +$ _____
 - d. Supplement of angle 83° is _____
 - e. _____ $\div (-37) = -2$
 - f. Two adjacent supplementary angles form a _____

2. Simplify:
 $-25 + 17 - (-14) + (-6)$ (1)
3. Subtract -138 from the sum of 38 and -57 . (2)
4. Product of two numbers is 273 . One of the numbers is (-13) . What is the other number? (2)
5. Find the value of x in the following figure: (2)



6. Sum of 2 integers is (-27) . If one of them is 51 , find the other. (2)
7. Solve the following by distributive property: (2)
 $637 \times 38 + 637 \times (-28)$
8. Find : (3)
- a. All pairs of alternate interior angles.
 - b. All pairs of corresponding angles.



9. In the following figure $l \parallel m \parallel n$ and t is a transversal. Find the value of x, y, z (3)

