

Class: 7

Marks: 20

Date:

MATHS

Time: 45 Mins

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

1. Fill in the blanks:

$$\left(\frac{1}{2} \times 6 = 3\right)$$

- 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 _____

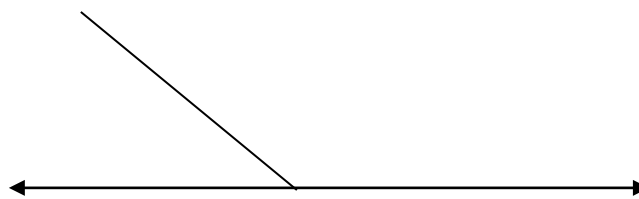
2. Simplify:

$$-25 + 17 - (-14) + (-6) \quad (1)$$

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)



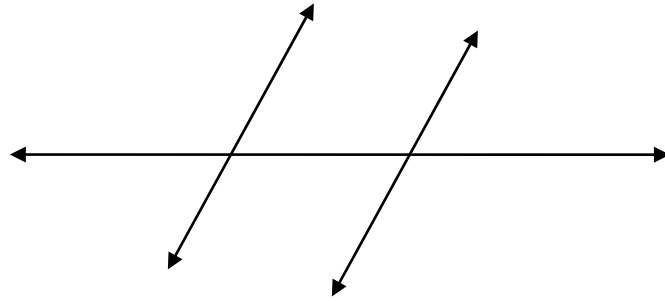
6. Sum of 2 integers is (-27) . If one of them is 51 , find the other. (2)

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)

