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

a. $0 \div (-125) =$ _____

b. If the sum of two angles is 90^0 then it is said to be _____

c. a (b+c) = a x b + _____

d. Supplement of angle 83^0 is _____

e._____ $\div (-37) = -2$

f. Two adjacent supplementary angles form a _____

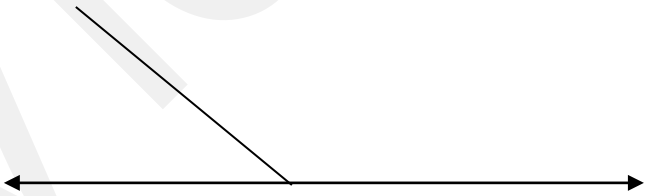
2. Simplify:

– 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)

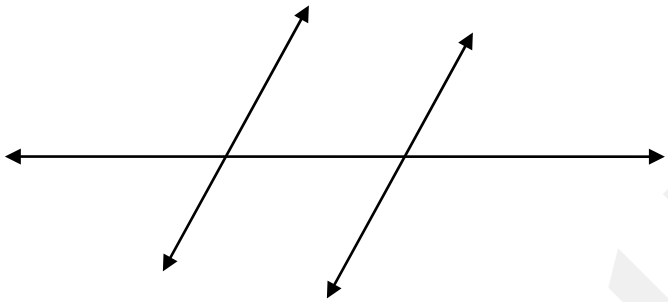
7. Solve the following by distributive property: (2)

$637 \times 38 + 637 \times (-28)$

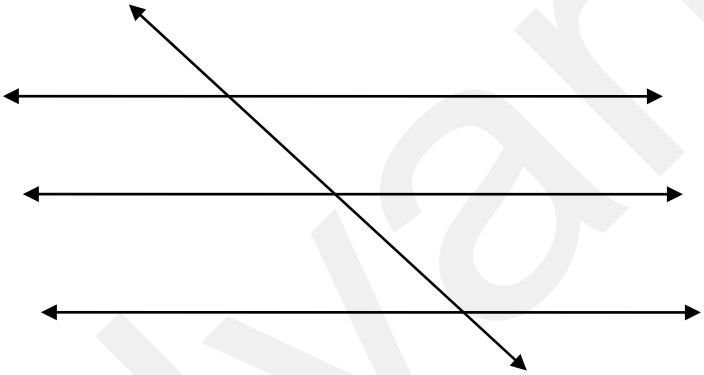
8. Find : (3)

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)



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