

# SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi.

Revision Test (Mathematics)

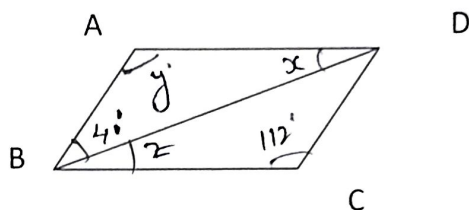
Class - VIII



SARALA BIRLA  
PUBLIC SCHOOL

(SARALA BIRLA GROUP OF SCHOOLS)

1. When a die is thrown, find the probability of getting a number not greater than 5.
2. How many sides does a regular polygon have if the measure of an exterior angle is  $15^\circ$ .
3. ABCD is a parallelogram. Find the value of  $x$ ,  $y$  and  $z$ .



4. The cost of an article was Rs. 15500. Rs. 450 were spent on its repairs. If it is sold for a profit of 15%, find the selling price of the article.
5. Find the smallest number by which 68600 must be multiplied to get a perfect cube.
6. Find the greatest 4-digit number which is a perfect square.
7. Choice of food for a group of people:

Favourite food	Number of people
North Indian	30
South Indian	40
Chinese	25
Others	25
Total	120

Draw a pie chart to show this information.

8. Kamala borrowed Rs. 26400 from a Bank to buy a scooter at a rate of 15% p.a. compounded yearly. What amount will she pay at the end of 2 years 4 months to clear the loan?
9. Gurpeet sells two watches for Rs. 2970 each, gaining 10% on one and losing 10% on the other. Find the gain or loss percent in the whole transaction.
10. The population of a town was 176400 in the year 2015. It increases at the rate of 5% p.a.
  - i. What would be its population in the year 2017?
  - ii. What was its population in the year 2013?