

DON BOSCO SCHOOL, KOKAR, RANCHI

Session-2020 - 2021

Class 6

Subject- Mathematics 2

Chapter 11.1

Question number 2 to 6

Book-visualising mathematics Cordova publication

Q2. One pen cost rupees 15 and one pencil cost rupees 3. What is the total cost of x pens and y pencils?

Ans Cost of one pen =15 ₹

And cost of one pencil=3₹

As such cost of X pens =₹ 15xX ₹

And cost of y pencils=₹3xY=3Y

So the total cost of x pens and y pencils

=Cost of pens+ cost of y pencils.

=₹(15x+3y)

Q3.The side of a square is 13 cm. If each side is increased by a cm find the perimeter of the new square.

Ans Side of a square 13 cm.

In a Square all sides are equal

As each side is increased by a cm

Then one side of a square becomes (13+a)
cm.

Again as perimeter of a square =4 x one side

So the perimeter of a square 4x(13+a) cm

=52+4a cm Ans.

Q4.Riya has drawn a dot Rangoli .She has 13 dots in a row. How many dots will her Rangoli have for p rows.

As Riya has drawn 13 dots in a row.

So number of dots in p rows

=Number of dots in one row x number of rows
=13xp=13 p

Q5. Savita has 19 marbles pieces. She gave X to Amrita and Y to Zeenat .How many pieces of marbles is she left with?

Total marbles with Savita =19 marbles

Number of marbles given to Amrita =X marbles

And number of marbles given to Zeenat y marbles.

Total number of marbles given out=(x+y) marbles

So the marbles left with Savita= total marbles given out to Amrita and Zeenat

=19+(x+y) marbles left with Savita.

Q6. Lalita spends rupees X per week and saves rupees Y daily . What is her income for two weeks?

Total expenses of Lalita in one week=₹ X

Daily saving of Lalita = ₹ Y

As such one week saving of Lalita=₹Yx7
= ₹ 7y

As such her weekly income = one weeks expense+1 weeks savings
=₹(x+7y)

So her 2 weeks income=₹2x one week income

=₹2(x+7y)

₹2x+14yAns
