1.If CP=Rs75, SP=Rs100 then find gain or loss %.

2.Find 12.5% less than 16 hrs.

3.Subtract 13x2 from x2.

4.Convert into an equation -2 subtract from a number x is equal to 10.

5.Draw L XYZ=60o

6.Draw a circle of radius cm.

7.The power of variable in a linear equation is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8.Area of square = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9.Coefficient of x in -2x is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

10.Write definition of radius.

11.Add 2x2– y2 and 3x2 +5y2.

12.If a=2, b=3 find the value of 2a-b.

13.Find the value of y; y – 9=6.

14.Draw a circle of diameter 6cm.

15.Construct perpendicular bisector of line segment XY=4cm.

16.Name exterior angle and interior opposite angle.

17.Can we draw a triangle with angles 70o,45o,90o.

18.Construct XYZ=15o.

19.Find area of square of side 16.5 cm.

20.What percentage is Rs.63 of Rs.90

21.Find the simple interest on RS .2000 for six months at the rate of 4.5% per annum.

22.If a=1, b=3, c=-2 find value of 7a+b+c.

23.Subtract 5q2-p2-7r from 6p2+q2+2r-9.

24.Solve and check 3(x - 3 ) = 15

25.Draw an angle XYZ construct it bisector.

26.Akshay goes three times around a rectangular respectively. Find the cost of fencing the field Rs.20 per m2.

27.The area of a football ground is 2900m2. If its breadth is 29cm, find the length.

28.Mansi obtained 410 marks out of 500 in her half yearly examination while Neha got 534 out of 600. Find whose got more marks.

29. Solve : 2(x-5)=10

30. Find simple interest on Rs3500 at 4 ½% pa from 15 March to 8 August 2016.

31. Draw a circle of radius 3 cm and center O. Draw any chord and name it AB. Using compasses, draw the perpendicular from the center O on the chord AB.

32. The square tile is having side of length 15cm. How many tiles are required to cover the square floor of bathroom of side 3m.

33. draw a line segment XY 8cm. At X draw a circle of radius 5cm. At Y draw a circle of radius 3.8cm. What do you observe?

34. Subtract the sum of 2a+3b, a-2b+3c,-a+2c and 4a+2b-5 from 6a-4b+8.

35. Articles are bought at Rs 45 per dozen and sold at Rs 85 per score. Find the gain or loss %.

36. Rohan received Rs 300, Rs 350, Rs 400, Rs 500, Rs 450 as pocket money in the month of AUG, SEP, OCT, NOV, DEC of the year 2014. In these 5 months he saved Rs 1000 and paid the school fee of one poor student in his class.

 a) Prepare a bar graph to show the pocket money received in these 5 months.

 b) What value is shown by Rohan in this exercise.