

Date: / /

Practice Paper-2 , Maths Class - VI

1. what per cent is 1 dozen of 1 score ?

9

2. 25% of 10% of 1 kg

3. Subtract $4a$ from $3a$

4. Convert into an equation

A number y increased by 6 is 9

5. Draw $\angle xyz = 60^\circ$

6. Draw a circle of radius = 6 cm.

7. Power of variable in linear equation is

8. Perimeter of rectangle = _____

9. coefficient of x in $-x$.

10. Write definition of Diameter.

11. Add :-

$$1 \times 10 = 10$$

$7a + 2b$ and $3a + 4b$

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

$$3a + 2b$$

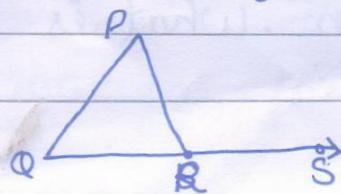
13. Find the value of x :-

$$x + 9 = 15$$

14. Draw a circle of diameter of 6 cm

15. Construct perpendicular bisector of line segment = 5 cm

16. Name exterior angle and interior opposite angles.



17. Can we draw a triangle with angles 25° , 75° , 85° .
18. Construct angle ABC of 45° .
19. Find area of square of side 18 cm.
20. What per cent is :-
80 l of 240 l $2 \times 10 = 20$
21. Hari borrowed ₹ 450 from his friend at 6% per annum. He returned the amount after eight months. How much money did he pay?
22. If $a = -1$, $b = -2$, $c = 1$, find the value of $7a + b + c$.
23. Subtract :-
 $7pqx - 8p + 3$ from $10 - 4pqx + 3p$
24. Solve and check :-
 $15 - x = 4$
25. Draw an angle of any measure and name it $\angle A$. Using compasses and ruler, draw another angle equal to $\angle A$.
26. A field is in the shape of a rectangle whose length is 130 m and breadth is 95 m respectively. Find the cost of fencing the field at ₹ 20 per metre.
27. The area of a plastic sheet is 300 sq. cm and its length is 30 cm. What is the breadth of the plastic sheet.

28. There are 700 students in a school out of which 420 are girls. Find the percentage of boys in the school.

29. Solve :-

$$x+8 = 4$$

2

30. What amount will Reena get by investing ₹4500 at $4\frac{1}{2}\%$ per annum for the period from September 8 to November 20 of the year 2015.

$$3 \times 10 = 30$$

31. Draw a circle of radius 4 cm and centre O. Draw any chord and name it AB. Using compasses, draw the perpendicular from the centre O to the chord AB.

32. The area of a square of side 8 cm is the same as that of a rectangle of length 32 cm. What is the breadth of the rectangle.

33. Draw a line segment PQ of length 7 cm. At P, draw a circle of radius 4 cm. At Q, draw a circle of radius 3 cm. What do you observe?

34. From the sum of x^2+x+1 and x^2-x+1 , subtract $-x^2-x+1$.

35. John bought 100 eggs for ₹40. Out of these, four

eggs were found to be broken and he sold the remaining eggs at the rate of ₹ 7.50 per dozen. Find his gain or loss per cent.

36. On every birthday Sonal planted tree saplings in her nearby park, she planted 2 trees, 4 trees, 3 trees, 1 tree and 3 trees respectively in the year 2010 to 2014.

(a) Prepare a bar graph to show the no. of tree saplings planted by Sonal in the years 2010 to 2014.

(b) What value of Sonal is represented here.

$$15 \times 6 = 30$$