

हिंदी

कक्षा : 8th

अंक - 5

1. किसी प्रादेशिक, पर्वतीय, विदेशी यात्रा का विवरण अपनी डायरी में लिखिए। (चित्र सहित) 2
2. रवींद्रनाथ ठाकुर को नोबेल पुरस्कार किस कृति पर मिला था ? उसमें से कुछ अंशों का संकलन कर परियोजना पुस्तिका तैयार कीजिए। 3

नोट: पढ़ाए गए सभी पाठों का कार्य पूर्ण करें और पुनः दोहराए।

SUMMER VACATION HOLIDAY'S HOMEWORK

CLASS-8 MATHEMATICS

Worksheets of **ch-7 Linear Equation in one variable**

Worksheet-1

Solve the following equations.

1. $\frac{3x}{5} = 15$
2. $\frac{7x-5}{2x} = 3$
3. $8x - 4(x - 3) = 2x$
4. $\frac{3}{4}y + 2y = \frac{1}{2} + 4y - 3$
5. $2 - 3(3x + 1) = 2(7 - 6x)$
6. $0.3(6 + x) = 0.4(8 - x)$
7. $\frac{4}{3x} - \frac{3}{4x} = 7$
8. $\frac{2}{5x} - \frac{5}{2x} = \frac{1}{10}$
9. $\frac{5x}{4} - \frac{x-1}{2} = \frac{x-1}{3}$
10. $\frac{3-5x}{7} - \frac{x}{4} = \frac{1}{2} + \frac{5-4x}{8}$
11. $5y - \frac{y+1}{3} = 6y + \frac{1}{5}$
12. $\frac{3(x-1)}{4} - 2 = 5x - \frac{x-2}{2}$
13. $2\frac{1}{3} - \frac{x-2}{4} = \frac{x-1}{6}$
14. $\frac{4x-2}{3} - \frac{23}{3} = 13 - 5\left(\frac{7x+5}{3}\right)$
15. $\frac{2x-5}{5x+2} = \frac{3}{22}$
16. $\frac{5-7x}{2(1+2x)} = -\frac{8}{7}$
17. $\frac{4x-3}{2x+6} = \frac{3}{2}$
18. $\frac{15(5-x) - 7(x+9)}{1-5x} = 4$
19. $\frac{3y - (8 - 5y)}{7y - (3 + 2y)} = 2$
20. $\frac{(x+1)(x+2)}{(x+11)(x-2)} = 1$
21. $\frac{\frac{x}{4} - \frac{3}{5}}{\frac{4}{3} - 7x} = \frac{-3}{20}$
22. $\frac{\frac{3}{4}x + 7}{\frac{2}{5}x - 4} = \frac{5}{4}$
23. $\frac{8x+3}{2(x-2)} = \frac{4x}{x-5}$
24. $\frac{4x-5}{x+2} = \frac{8x-1}{2x+1}$
25. $\frac{x+a}{x-a} = \frac{b-a}{b+a}$

Worksheet 2

1. The difference of two numbers is 15 and their ratio is 3:2. Find the numbers.
2. One-sixth of a certain number decreased by 4 is equal to 1. Find the number.
3. Four-fifths of a number is 20 less than the original number. Find the number.
4. One number is 3 times another number. If 15 is added to both the numbers, then one of the new numbers becomes twice that of the other new number. Find the numbers.
5. Three numbers are in the ratio 2:3:4. If the sum of the largest and the smallest equals the sum of the third and 33, find the numbers.
6. Two numbers are such that the ratio between them is 3:5. If each is increased by 5, the ratio between the new numbers so formed is 2:3. Find the original numbers.
7. Find three consecutive even numbers whose sum is 186.
8. Find three consecutive odd numbers whose sum is 165.
9. The sum of three consecutive multiples of 7 is 777. Find these multiples.
10. The numerator of a fraction is 3 less than the denominator. If both the numerator and denominator are increased by 2, the new fraction becomes $\frac{6}{7}$. Find the original fraction.
11. The denominator of a rational number is greater than its numerator by 3. If numerator is increased by 14 and denominator is decreased by 3, the new number becomes $\frac{11}{4}$. What is the original number?
12. A number has two digits. The digit at tens place is four times the digit at units place. If 54 is subtracted from the number, the digits are reversed. Find the number.
13. Sum of the digits of a two-digit number is 9. The number obtained by interchanging the digits exceeds the given number by 27. Find the original number.
14. The length of a rectangle exceeds the breadth by 6 cm. If the length is increased by 3 cm and breadth decreased by 2 cm, the area remains the same. Find the length and breadth of the rectangle.
15. The angles of a triangle are $3x^\circ$, $(2x + 20)^\circ$ and $(5x - 40)^\circ$. Find the angles. Hence show that the triangle is an equilateral triangle.
16. One angle of a triangle is equal to the sum of the other two. If the ratio of the other two angles is 7:8, find the angles of the triangle.
17. The altitude of a triangle is three-fifth of the length of the corresponding base. If the altitude is decreased by 4 cm and the corresponding base is increased by 10 cm, the area of the triangle remains the same. Find the base and the altitude of the triangle.



PRATAP INTERNATIONAL SCHOOL

HOLIDAY HOMEWORK (S.S.T)

SESSION 2020-21

- Handwriting should be neat and legible.
- The holiday homework would be graded.

CLASS-VIII

“JUDICIARY IN TIMES OF COVID-19 OUTBREAK”

During the Second World War, when the Luftwaffe (German air force) was wreaking havoc over London with its incessant bombing attacks, the British Prime Minister Winston Churchill took cognizance of the heavy casualties and economic devastation. While he was briefed on the casualties and economic collapse, he asked, “Are the courts functioning?” When told that the judges were dispensing justice as normal, Churchill replied, “Thank God. If the courts are working, nothing can go wrong.”

Covid-19 has brought almost the entire world to a near standstill and India’s justice delivery system. How? Collect information on-

- a) The major issues that the system faces.
- b) Impact of Corona virus
- c) Need for a change.
- d) Simple measures you can suggest.

NOTE: a) Use different sources to collect data.

b) Use diagrammatic presentations or Slide presentation.

c) Evaluation will be done on the basis of originality, creativity and presentation.

Pratap International School

Session 2020 - 21

Holiday Homework

Class VIII

Science

- 1. Explore the refrigerator or the kitchen and list at least five food items that are preserved using preservatives. Also find out the mode of each preservative with the help of Internet and Record the data collected in a table format on an A4 size sheet.**
- 2. Make a chart on the Applications of pressure using pictures.**

ENGLISH HOLIDAY HOMEWORK

.CLASS-VIII

Q-1 Make a project on "Child Labour".

Q-2 "Do you think today's generation should be concerned about population growth?"

a. Write the debate in your notebooks (either for or against)

b. time limit : 2 mins.each

Q-3 Pick out any two words from the newspaper everyday. Write their meanings and make sentences of your own in English notebook.

Q-4 Do Revision of all the chapters completed till now.