



JAFFNA HINDU COLLEGE

Risk Holiday Self - Education Worksheet - 2020

Grade - 06 | Mathematics

Name/Index No :

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Give the Correct Answer

1. Write 5 circular shaped objects in your environment.

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2. Draw a circle and mark the point A on the Circle.

3. How many symmetric axis are in a circle.

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4. In a competition of throwing darts onto a circular board by standing at a location in front of it. 30 points are awarded if the dart hits the centre of the circle, 20 points are awarded if the dart hits the circle and 10 points are awarded if the dart hits the inside of the circle. But no points are awarded if the dart hits the outside of the circle. A group of students participated in the above competition. the figure indicated where the darts thrown by each of the students hit the board.

I. who are the students who were awarded 30 points.

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II. who are the students who were awarded 20 points.

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III. who are the students who were awarded 10 points.

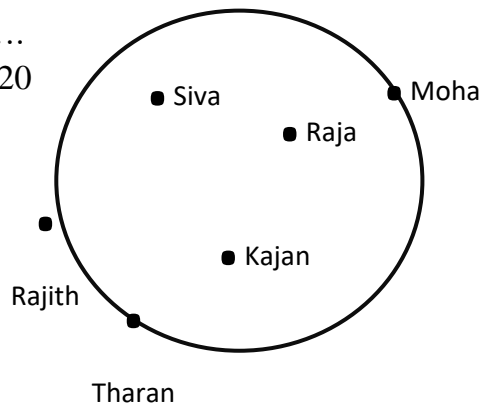
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IV. who are students who did not receive and points.

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V. If each of these students is given one more opportunity to throw dart. what is the maxmium points that kajan and tharan receives.

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5. In 850342, write the place value of 0.

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6. What is the place value of the sixth digit in a number from right to left.

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7. How many zeros are there in Ten billion.

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8. What is the largest number in the units period.

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9. Write down the largest and smallest possible number that can be written by using the digits 2,5,7 and 0 exactly once.

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.....

10. In the Number 628345790

I. What is the place value corresponding to the position of 9.

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II. What is the value represented by 4.

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III. Write this number in the standard form

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IV. Write this number in words.

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11. Write five million five in standard digit form.

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12. Write down each of the following numbers by expanding in terms of the place value.

I. 18 :

II. 576 :

III. 7543 :

IV. 4305 :

13. Solve the following

I. $754 + 349 =$

II. $435 + 7954 =$

III. $800 - 489 =$

IV. $3025 - 1758 =$

V. $76 \times 54 =$

VI. $45 \times 807 =$

VII. $2793 \div 21 =$

VIII. $432 \div 13 =$

14. A vendor buys 50 mangoes, 10 mangoes are spoiled. He sells remaining mangoes. Another vendor buys 98 mangoes, 9 mangoes are spoiled. He sells remaining mangoes. How many mangoes were sold by the two vendors.

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15. A Mother buys 15 Apples. Father buys 19 apples. They divide these all apples to their 4 children equally. How many apples were remaining.

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16. Express the following times in the standard form.

- I. 8.43 a.m :
- II. 7.28 p.m :
- III. 11.56 p.m :
- IV. 12.45 p.m :
- V. 2.00 a.m :
- VI. 4.35 p.m :

17. Saran's 2nd birthday was celebrated on 10.02.2020. write the saran's date of birth in international standard date form.

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18. Fill in the blanks.

- I. 5 minutes = seconds
- II. 58 minutes = seconds
- III. 120 seconds = minutes
- IV. 150 seconds = minutes
- V. 4 hours = minutes
- VI. 210 minutes = hours
- VII. 350 minutes = hours minutes
- VIII. 7 days = hours
- IX. 144 hours = days
- X. 200 hours = days hours

19. A) Add

Minutes	seconds	hours	minutes	days	hours
6	50	2	48	1	18
+7	10	+7	36	+8	09

B) Subtract

minutes	seconds		hours	minutes		days	hours
8	15		9	28		6	08
-4	51		-1	56		-3	14

20. Write down two special features of a numberline.

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21. Draw a numberline and mark the numbers 2, -3 and 5.

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22. Write down how each inequality is described in words.

- I. $2 > 1$ - :
- II. $-3 > 2$ - :
- III. $-5 > -2$ - :
- IV. $3 > 0$ - :

23. Fill in the blanks by using $>$, $<$

- I. -3 ___ -5
- II. 2 ___ 0
- III. -2 ___ 4
- IV. 0 ___ 7
- V. -1 ___ -4
- VI. -6 ___ -2

24. Write down the numbers in ascending order.

- I. $0, -2, 1, -4, -1$:
- II. $-2, 2, 0, -4, 5$:

25. Write down the numbers in descending order.

- I. $2, -2, 3, 0, -1$:
- II. $-3, 3, 0, 4, -2$:

26. Write down all the integers that lie between 4 and 9.

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27. Write down the greatest integer and smallest integer that lie between 4 and 14.

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28. Write down all the integers that lie between -5 and 3

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29. In a certain school, there are six parallel classes in each grade 6 to 11, named 6A, 6B, 6C, 6D, 6E, 6F, 7A, 7B, 7C, 7D, 7E, 7F..... etc. Each class has approximately the same number of students. the number of students in class 6A is 35. Estimate the total number of students in this school in grade 6 to 11.

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30. When a certain number is rounded off to the nearest multiple of ten, the value obtained is 50. write down the values that this number can take.

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31. When the number of pens in a box was rounded off to the nearest multiple of ten, the value obtained was 60.

I. What is the least number of pens that can be in the box

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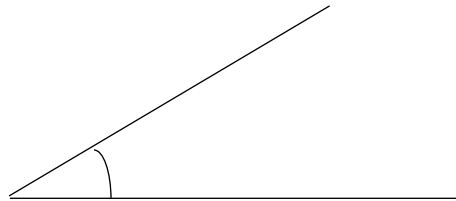
II. What is the most number of pens that can be in the box.

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32. The number of students in a certain class rounded off to the nearest multiple of ten was 30. When nine new students joined this class, the number of students in the class rounded off to the multiple of ten was still 30. How many students were there in the class initially.

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33. Identify the arm and vertex of the angle.



34. Write 5 Examples for angles where can you see in the environment.

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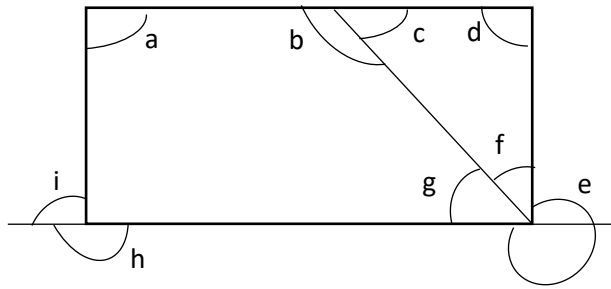
35. Write the types of angles.

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36. When was the hour hand and minute hand in right angle in the clock.

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37. Write down the types of angles denoted by the letters shown in the figure.



- a -
- b -
- c -
- d -
- e -
- f -
- g -
- h -
- i -

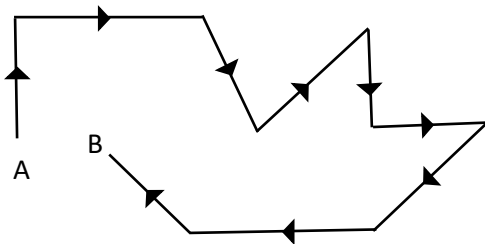
38. What are the main directions.

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39. What are the sub directions.

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40. The following figure shows the path travel from A to B. Write the directions in order from A to B.



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41. Karan travelled 500m in eastern direction from his house. Then he turned south direction. After travelling 250m he travelled 250 in eastern direction to reach his friend's house.

I. Draw a rough diagram for the path of karan.

II. Find the total distance travelled by karan.

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42. which instrument is used to know the horizontal position.

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43. Which instrument is used to know the vertical position.
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44. Write two directions which is perpendicular to the south west direction.
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45. How we called the angle which is greater than two right angles.
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46. If 2109 l water was to be distributed equally among in 19 houses how much of water will each house get.
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