



श्री Venkateshwar International School

Dwarka Sector 18, New Delhi-78

Summer Vacations Holiday Homework (2017-2018)

Class – VII

ENGLISH

Vacations are not complete till we travel outside. We may go to a relative's house, a hill station or any other holiday destination. Share your experience of the vacations as a diary entry in about 80 to 100 words on an A-4 size sheet.

You can paste pictures as well to describe your experience.

हिंदी

नैतिक मूल्य पर आधारित स्वरचित कविता चित्र सहित ए-4 साइज शीट पर सुंदर लेख में लिखिए।

MATHEMATICS

1. Practice questions from Holiday Homework worksheet in the practice register.
2. Do SLM worksheets on 'Lines and Angles and Properties of Parallel Lines' in the HW register. (Objective questions are to be done in the SLM).

SCIENCE

1. Do the worksheet (objective part) of Chapter - 12 'Time and Motion' in SLM.
2. Write the names and symbols of first 20 elements on an A-4 size sheet and learn it.

SOCIAL SCIENCE

1. Research on any one Endangered Animal and write about it on an A-4 size sheet. Also paste pictures along with it.

OR

Make a presentation (PPT) of 5-7 slides on Endangered Species (flora)

2. Do the worksheet (**Objective Part**) of the Chapter - The Changing Earth in SLM.

SANSKRIT

किम् शब्द के तीनों लिंगों में शब्दरूप अपनी कार्यपुस्तिका में लिखें।

FRENCH

Faites une comparaison entre la cuisine indienne et la cuisine française sur une feuille d'A-4 avec des images et des faits.

SPANISH

On an A-4 size sheet, paste pictures of any 4 famous places in Spain and write a short description on each of them (in not more than 60 words).

CHINESE

Write all Chinese characters on an A-4 size sheet. (Money in Chinese, Time in Chinese and other Characters)

GERMAN

Find out the various festivals celebrated in Germany. Write about two festivals (50-60 words) on an A-4 size sheet and paste few pictures.

WORKSHEET (2017-18)
Mathematics - VII

NAME : _____

Sec. _____

1. Fill in the blanks.

- a) $-19 - (-12) =$ _____
- b) The sum of angles around a point is _____.
- c) The supplement of 34° is _____.
- d) When we add an integer to its additive inverse, we get _____.
- e) $(-125) \times (-9) =$ _____
- f) $(-128) \div (-8) =$ _____
- g) $35 \times 10 - 35 \times 8 =$ _____
- h) Multiplicative inverse of (-12) is _____.
- i) If $\angle a + \angle b = 180^\circ$, then $\angle a$ and $\angle b$ are said to be _____ angles.
- j) The angle that is complement of itself is _____.
- k) An angle formed between any two fingers of your hand is a/an _____ angle.
- l) Supplement of 10° is _____.
- m) Vertically opposite angles are _____ in measure.
- n) A triangle can have _____ obtuse angles.
- o) Is it possible to have a triangle with angles 50° , 40° and 80° ? _____

2. Answer the following questions.

- a) What will be the sign of the product if we multiply together 13 negative and 13 positive integers?
- b) The product of two numbers is 105. If one of them is (-21) , what is the other number?
- c) A boy threw a stone 12m high up in the air. It fell and settled down at the bottom of a pond 12m deep. What is the total distance that the stone covered to reach the bottom of the pond?
- d) Is there any integer whose predecessor does not exist?
- e) Which integer is its own multiplicative inverse?
- f) Find any three integers that add up to -29 .

3. Correct the error in the following statements/solutions and rewrite them.

- a) The supplement of 107° is 63° .
- b) $(-25) \times (-6) \times (-3) = 540$
- c) Each angle of an equilateral triangle measures 90° .
- d) Pythagoras theorem is applied in an obtuse angled triangle.

4. Each of the following questions has four options. Choose the correct option.

- a) $-15 - (-7) =$
(i) -22 (ii) 22 (iii) -8 (iv) None of these.
- b) The sum of two integers is 83. If one of them is -49 , the other is _____.
(i) 132 (ii) -132 (iii) 34 (iv) -34
- c) $(-25) \times (-10) + (-25) \times (-5) =$ _____
(i) -275 (ii) 275 (iii) -375 (iv) 375

d) The value of x in the given figure is _____.

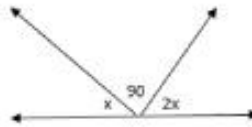
- (i) 30° (ii) 40°
 (iii) 90° (iv) None of these.



e) An exterior angle is equal to the _____ of the interior opposite angles.

- (i) sum (ii) difference (iii) product (iv) none of these

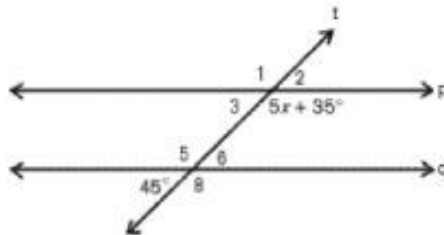
f) The value of x in the given figure is _____.



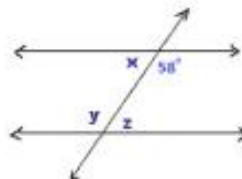
- (i) 90° (ii) 45° (iii) 30° (iv) none of these

5. Verify the distributive property $a \times (b + c) = (a \times b) + (a \times c)$ for $a = (-3)$, $b = 7$, $c = (-9)$.

6. In the given figure, $p \parallel q$, and t is the transversal. Find the value of x . ($x = 20^\circ$)

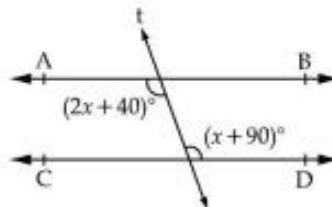


7. Find the values of x , y and z in the given figure ($x = 122^\circ$, $y = 58^\circ$, $z = 122^\circ$)



8. Find the value of x in the following figure.

($x = 50^\circ$)



9. In a right triangle, one of the acute angle is 45° . Find the other.

(45°)

10. Simplify : $(234 \times 45) - (234 \times 5)$

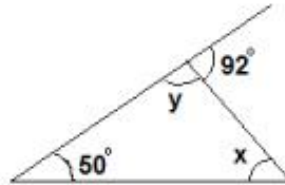
(9360)

11. One of the exterior angle of a triangle is 90° and its interior opposite angles are equal to each other. Find the measure of each of these two equal angles of the triangle.

(45° each)

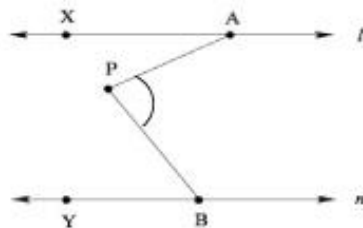
12. In the given figure, find the values of x and y . Show calculations.

($x = 42^\circ$, $y = 88^\circ$)



13. In the given figure, it is given that $l \parallel m$, $\angle XAP = 55^\circ$ and $\angle YBP = 45^\circ$. Find the measure of $\angle APB$. Show proper working.

($\angle APB = 100^\circ$)



14. A ladder of length 17 m reaches a window that is 8m above the ground on one side of a street. Find the width of the street.

(15m)

15. Find the value of x in the following figure.

(120°)

