

# SBOA GLOBAL SCHOOL

CHENNAI - 600101

## SCIENCE HOLIDAY PROJECTS

### STD VI

Make an innovative working model by using things available at home. Here some science projects are suggested.

- 1) Match Box Microphone ( Roll no 1 & 4)
- 2) Make a flash light using plastic bottle (Roll no 5&8)
- 3) Rubber band powered car (Roll no 9&12)
- 4) Balloon powered car (Roll no 13&16)
- 5) Vacuum cleaner using plastic bottles (17&20)
- 6) *Hydraulic* JCB (Roll no 21&24)
- 7) Simple door alarm (Roll no 25&28)

#### **Useful website links for referring**

<https://www.education.com>

[byjus.com>cbse>science>working models](https://byjus.com/cbse/science/working-models/)

[www.youtube](https://www.youtube.com/)

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# S.B.O.A GLOBAL SCHOOL

## MATHEMATICS

### HOLIDAY ASSIGNMENT – SEPTEMBER 2018

#### STD VI



#### Puzzles

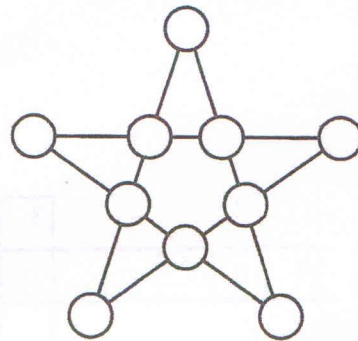
##### Puzzle 1

Complete the 4 x 4 Magic square by filling in the boxes with the remaining numbers from 1 to 16 so that the sum of the numbers in each row, column and diagonal line is 34.

1			12
	4		
10		16	
	11		

##### Puzzle 2

Fill in the circles of the 5-star puzzle given below with any of the whole numbers from 1 to 15 in such a way that the sum of the four circles in each line is 24.



##### Puzzle 3

Solve these Roman math problems and write the answer in both the Hindu-Arabic and Roman numeral systems.

a.  $MLXXV \div XXV$

b.  $DXXX + XC$

##### Puzzle 4

Solve each problem. Then, write the answer in the blank to find out some interesting facts.

1. 
$$\begin{array}{r} 784 \\ + 600 \\ + 591 \\ \hline \end{array}$$

Aryabhata, the first satellite of India, was launched in the year \_\_\_\_\_.

2.  $1,250 \div \quad = 5$

Vankusawade Wind Park is located in the Satara district in Maharashtra. After completion, it will be Asia's biggest wind power park and will generate \_\_\_\_\_ MW of power.

3.  $60 \times 97 - 60 \times 72$   
 $=$

The Nathpa Jhakri Hydroelectric Station of \_\_\_\_\_ MW capacity is India's largest hydropower plant.

4.  $70258 -$   
 $= 69378$

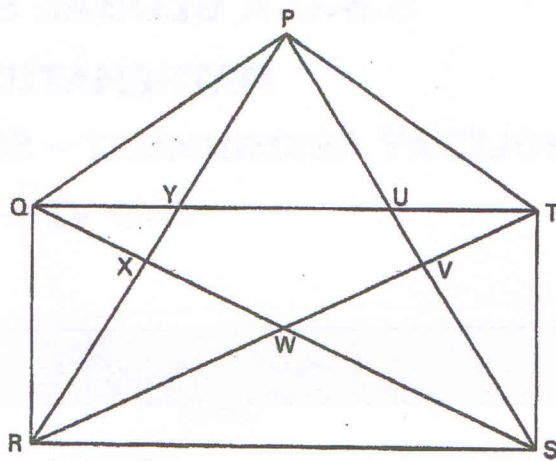
The Kaiga Atomic Power Plant has a capacity of \_\_\_\_\_ MW and it's the third largest site of NPCIL after Tarapur and Rawatbhata.

5.  $(252 \div 28) + (78 \div 13)$   
 $=$

If a wire in your circuit carries as much as \_\_\_\_\_ amperes of electricity, then you need a fuse to protect your circuit of amperes.

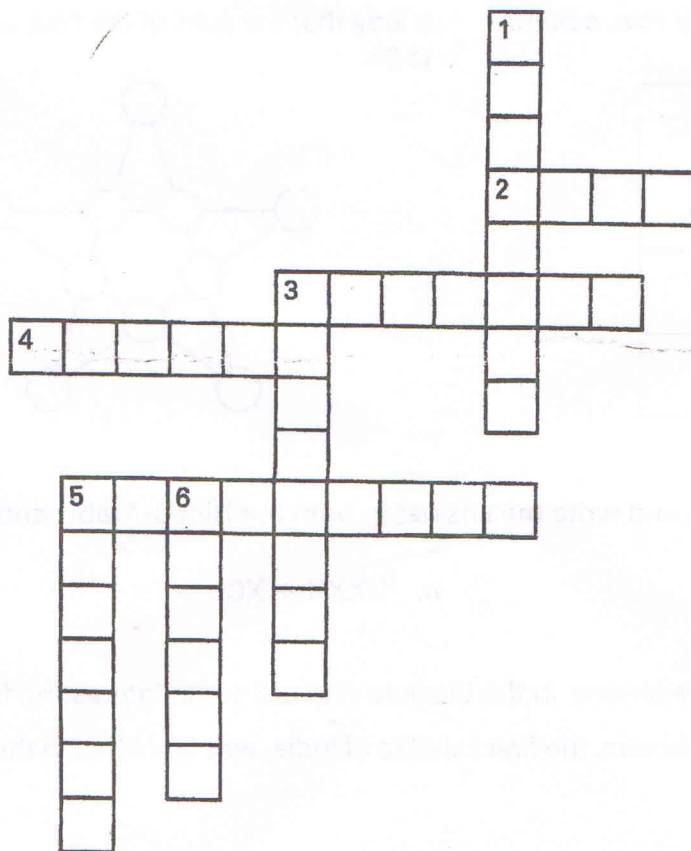
### Puzzle 1

Calculate the total number of triangles in this picture.



### Puzzle 2

Crossword puzzle



Across

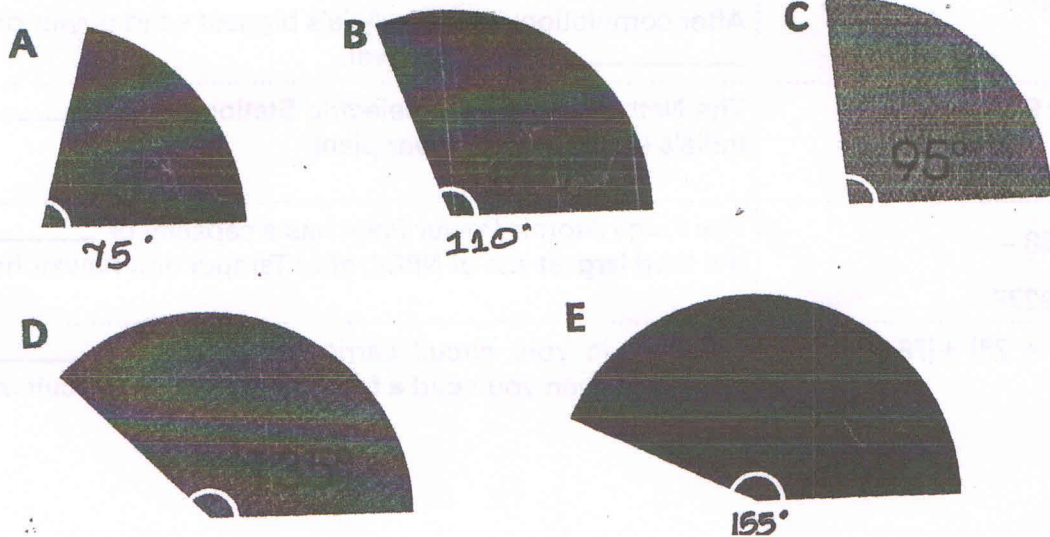
2. Measured in  $m^2$ .
3. A closed curved made of only line segments.
4. A quadrilateral with four congruent sides and four right angles.
5.  $l \times b$  is the area of the quadrilateral.

Down

1. A polygon with three sides.
3. A polygon with five sides.
5. A quadrilateral with congruent sides.
6.  $A = \pi r^2$ .

### Puzzle 3

Which three of these pieces fit together to make a complete circle?



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# S.B.O.A. GLOBAL SCHOOL

ANNA NAGAR WESTERN EXTENSION, CHENNAI – 101

## ENGLISH

CLASS: VI

## HOLIDAY ASSIGNMENT

### Poetry writing

#### Windows and doors

I like to open windows  
And feel the morning breeze,  
And look outside and see  
The leaves and grasses green.

I like to peek around doors  
And search for secret rooms,  
Cobwebs like waving fingers  
Makes me jump and sneeze.

Who knows what I'll feel?  
Who knows what I'll see?  
That's why I open windows,  
And like to peek around doors.

You have just read an 'I like' poem about windows and doors. Notice that rhyme is not used in this poem, but the words bring pictures to the reader's mind because the poet has written about what s/he feels and sees. You could use the other senses too. For example, the smell of baking cookies, how new shoes sound when you walk, etc.

Write an 'I like' poem about as many of these as you can:

cookies	comics	doors	new shoes
a swing	windows	earthworms	curtains

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