

**THE ASIAN SCHOOL, DEHRADUN**  
**HOLIDAY HOMEWORK OF SUMMER VACATION 2018 FOR CLASS VI**

**English: 1)** Read the chapter-A Different kind of School (Honey Suckle Reader). **2)** Write a poem of about 8-10 lines with the 'what ifs' that you have. PS: Holiday Homework to be done in English H.W. Notebook.

**Hindi:** व्याकरण: 1) तीन दिन के अवकाश हेतु प्रधानाचार्य को पत्र लिखें। 2) अपने मित्र को विद्यालय में आयोजित बाल मेले का वर्णन करते हुए पत्र लिखें। अनुच्छेद लेखन: 1) कंप्यूटर का महत्व 2) समय का सदुपयोग।  
हिन्दी साहित्य: पाठ 'नादान दोस्त' को पढ़कर उसमें से 10 लघु प्रश्नोत्तर लिखें।

**Sanskrit:** संस्कृत: शब्द रूप - 'बालिका' व धातु रूप - 'गम् (गच्छ) सम्पूर्ण लकार में लिखें।

**Science:** 1) Write a note on "Shadow formation in nature". Support with the help of suitable diagrams.  
PS: Science holiday homework to be done in Science Activity file only.

**History:** Early man has developed in various ways. Make a detailed study on all the developments inventions which took place during this period. Stick Pictures to make your project more attractive.  
P.S. Holiday Homework to be done in History homework note book only.

**Geography:** a) Collect information about the artificial satellites launched by India. Find out how they help us in the field of communication and weather forecasting. b) Draw the diagram of the famous latitudes and write about the three different heat zones of the world. c) On the map of India mark the tropic of cancer and the standard meridian. Name five towns/cities situated on or close to these line.  
PS: Note all the holiday homework to be done in Geography Homework Note Book only.

**G.K.:** On a chart paper write the following details on India according to the format given below:

S.no	Name of State	Capital of State	Chief Minister	Governor	Area	Population	2 Famous Monuments	2 Famous Personalities	Folk Dance	High Court location	National Park	Rivers
1												

**Computer Science:** Activity - 1) Make a list of Social Networking sites and apps with their developers and features and paste there pictures also.

Holiday Homework: 2) Write down the steps to perform following task: a) to create a folder on Desktop b) to Rename a folder. c) to Delete a folder d) to Copy a folder e) to cut a folder. 3) What are Mobile Apps? Explain them with 5 examples.

**Punjabi:** a. Write 10 words of all matras. b. Collect Pictures of all 10 Sikh Gurus and paste them on a chart paper.

**SUPW:** Buy A 4 size cartridge sheet/pastel sheet. Fold it and make a greeting card for your friend's birthday. Choose any one following method for the decoration of greeting card.

- Cut and paste method.
- Draw and colour with pencil colours.
- Pop up method as taught in the class.
- Quelling method.

# MATHEMATICS

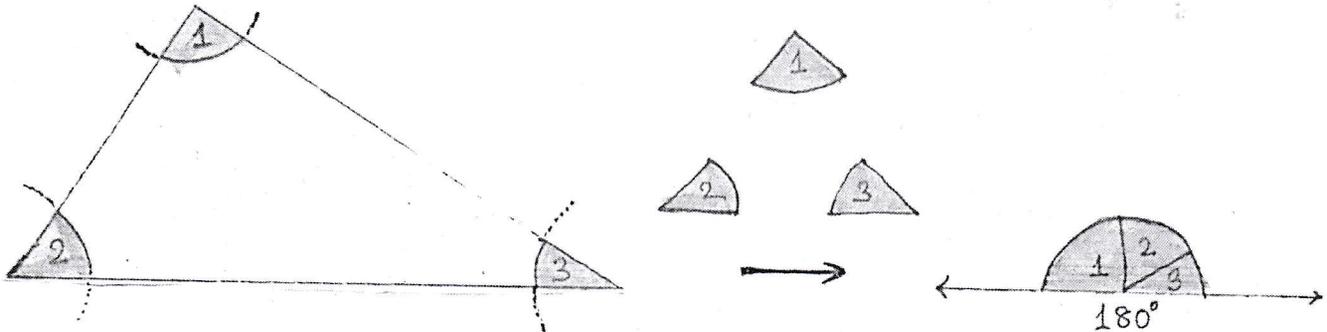
HOLIDAY HOMEWORK, MAY 2018

CLASS: VI

Make a separate register for holiday homework. Cover it and label with Name, Class & Section.

I. Activity: Using Paper cutting and pasting method show that -

(i) The sum of all three interior angles of a triangle is  $180^\circ$ .



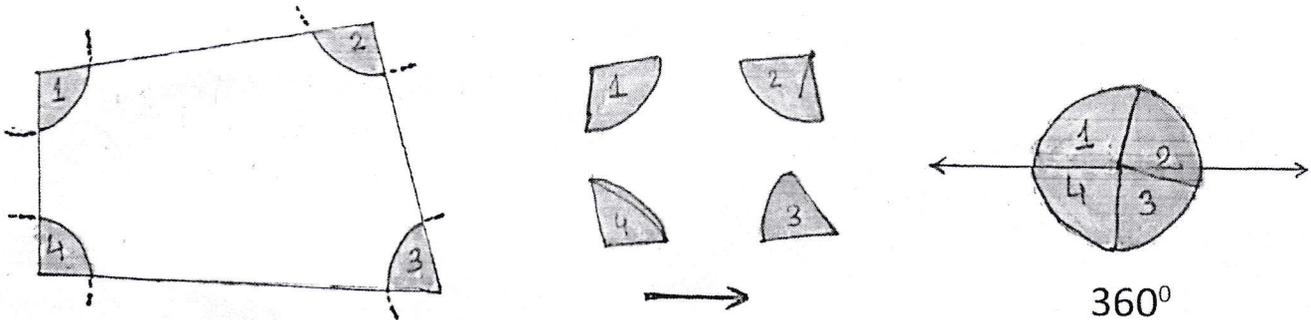
Cut  $\angle 1$ ,  $\angle 2$ ,  $\angle 3$  in Sector form having equal radius.

Step 1

Arrange cut-outs so that their vertices coincide to form a semi-circle.

Step 2

(ii) The sum of all four interior angles of a quadrilateral is  $360^\circ$ .



Cut  $\angle 1$ ,  $\angle 2$ ,  $\angle 3$  in sector form having equal radius.

Step 1

Arrange cut-outs so that their vertices coincide to form a complete circle.

Step 2

## II. Practice Work

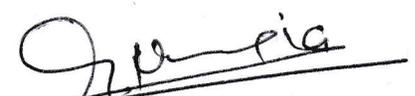
- Write all the factors of 24.
- Write the smallest multiple of a number.
- Write the greatest multiple of a number.
- Write all the multiples of 6.
- What is the perfect number? Give an example.
- Write the greatest and the smallest prime number between 10 and 20.
- Write the smallest prime number.
- Write some examples of composite numbers.
- Which of the following are composite numbers?  
7, 13, 16
- Write the common factors of 6 and 10.
- Write the first two common multiples of 5 and 15.
- A number is divisible by 4 and 3. By which other number will that number be always divisible?
- A number is divisible by 20. By what other number will that number be divisible?
- Find the prime factorisation of 40.
- Write the highest common factor of 6 and 15.
- Write the first three multiples of each of the following:  
(a) 11 (b) 12
- What is factor of a number?
- Find the HCF of 16 and 20.
- Write all the prime numbers between  
(a) 10 and 15 (b) 20 and 35
- If 3 and 10 are two co-prime numbers. Find the LCM.

- Write the natural numbers from 205 to 219. What fraction of them are odd numbers?
- Express the following as mixed fractions.  
(a)  $\frac{15}{4}$  (b)  $\frac{25}{6}$
- Express the following as improper fraction.  
(a)  $5\frac{1}{4}$  (b)  $7\frac{2}{3}$
- Check whether the given fractions are equivalent.  
(a)  $\frac{5}{7}, \frac{9}{12}$  (b)  $\frac{7}{5}, \frac{21}{15}$
- Neelam's father needs  $1\frac{3}{4}$  m of cloth for the skirt of Neelam's new dress and  $\frac{1}{2}$  m for the scarf. How much cloth must he buy in all?
- Nasir travelled  $3\frac{1}{2}$  km by bus and then walked  $1\frac{1}{8}$  km to reach a town. How much did he travel to reach the town?
- Simplify the following:  
(a)  $6 - \frac{3}{4}$  (b)  $\frac{7}{12} - \frac{4}{15}$
- Find the value of the following:  
(a)  $\frac{6}{17} + \frac{3}{17} + \frac{11}{17}$  (b)  $\frac{1}{2} + \frac{3}{4} + 1\frac{1}{3}$
- A cup is  $\frac{1}{3}$  full of milk. What part of the cup is still to be filled by milk to make it full?
- Mary bought  $3\frac{1}{2}$  m of lace. She used  $1\frac{3}{4}$  m of lace for her new dress. How much lace is left with her?
- Grip size of a tennis racket is  $12\frac{3}{20}$  cm. Express the size as an improper fraction.
- Write ₹ 12 and 80 paise in rupees using decimal.
- Convert 5214 g to kg.
- Which one is greater  $200 + 7 + \frac{2}{10} + \frac{4}{1000}$  or 207.24?
- Write each of the following as decimals.  
(a)  $\frac{12}{10}$  (b)  $\frac{125}{100}$

- Write as fraction in lowest form.  
(a) 0.65 (b) 4.50
- What should be added to 25.5 to get 60?
- Subtract  
(a) ₹ 5.36 from ₹ 9.48  
(b) 0.316 kg from 2.876 kg.
- Express in kilometres, using decimals.  
(a) 15 km 245 m (b) 19 km 48 m
- Add 67.25, 249, 8.785 and 0.23.
- Simplify  $53.5 - 34.68 + 64.75 - 28.9$ .
- What should be added to 60.30 to obtain 100.70?
- How will you write  $19\frac{3}{100}$  as decimal?
- During three days of a week, a rickshaw puller earns ₹ 40.20, ₹ 60.10 and ₹ 55, respectively. What is his total earning during these days?
- What should be subtracted from 117.47 to get 47.95?

III. Learn:  
Tables - 2 to 20

  
Principal

  
Middle School Coordinator