



INDIAN SCHOOL SOHAR
HOLIDAY HOMEWORK
CLASS VI-VIII 2016-17

The long awaited summer holidays are here again to give us respite from the scorching heat, bringing with it the gift of togetherness that is spent in exploring books, watching informative programs and playing games. These days are precious and invaluable and can be made most from if judiciously used.

GENERAL GUIDELINES:

- Write your name, roll number, class and section in your holiday home work.
- Date of Submission of Holiday homework:18.08.2016
- Holiday homework will be marked for FA assignment / FA activity.
- Holiday homework will be available on school website also (www.indianschoolsohar.com)
- **Revise the lessons taught in FA1 and FA2 for SA I examination.**

GENERAL HOMEWORK

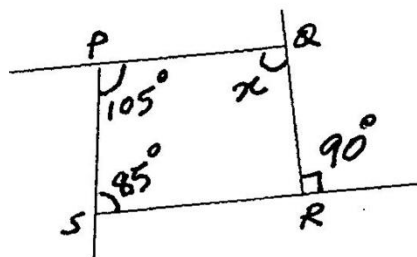
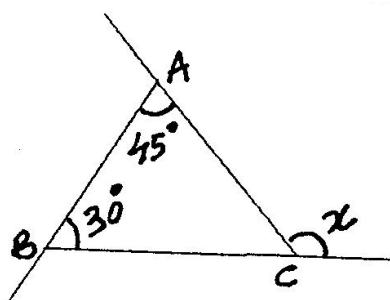
- **30 minutes of reading everyday:** Read any book of your choice to discover lots of new things!!!Reading keeps your brain active; it makes you knowledgeable and organized and teaches you many new words. Create a bookworm and share your experience with your teachers and class mates (hint is given at the back side of the sheet).
- **20 minutes of handwriting practice:** You will write better. Practice it every day.
- **Clean up one room every day.**
- **Help someone in the family:** Thank god for all that he has given you. Lend a helping hand to your parents and grandparents.
- **Exercise:** A healthy mind resides in a healthy body. Healthy food & proper exercise is important for good health. Go cycling, play badminton, cricket, swimming, hide n seek- anything that will make you run.
- **Family bonding:** It's also time for the parents to nurture young minds, inculcate moral values and narrate family anecdotes to keep them in touch with their roots.

HOLIDAY HOMEWORK

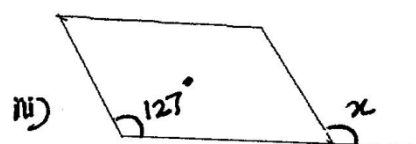
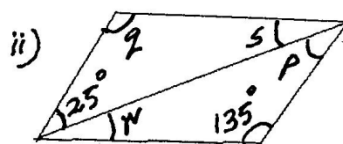
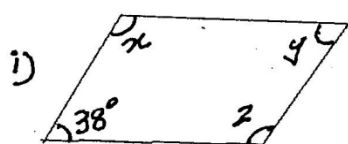
- **English: Story map (As discussed in the class)**
 - Students will choose any story of their choice.
 - It should contain a plot, characters, settings, opinion & recommendation.
 - A3 size chart paper should be used. It should be neatly hand written on one side only.
 - Students can stick pictures related to the story.
- **Maths:** Complete the given worksheet in ruled sheets.
Students can log on to (www.indianschoolsohar.com) and download the booklet on Introduction to Vedic Maths and practice the methods explained to improve mental Maths. Identify your difficulties in science and Maths. Log on to (<https://www.khanacademy.org/>) Watch video in the topic you want to improve. Play and replay video in the area of your difficulty where you require improvement.
- **For class VIII: Movie or Advertisement making (optional):**
Make a short film on any socially relevant topic or places you visited or fun time with the family or any other topic of your choice. Duration is 3 to 4 minutes.
Make a short advertisement film on any product of your choice. Duration is 1 minute.
Save it in a CD. Write your name, class and section with a marker on the CD and submit it to your computer teacher. Good presentation will be selected for interschool competition.
- **Exhibition:** Imagine and conceptualize some model for the Exhibition. Necessary material can be procured during the holiday.
- For self-exploration of knowledge visit the following websites<http://www.tiwariacademy.com/>
www.globalshiksha.com/derek+o+brien+quiz+questions/search

INDIAN SCHOOL SOHAR
HOLIDAY HOME WORK
MATHEMATICS CLASS VIII

- Three angles of a quadrilateral are 45° , 75° , and 105° . Find the fourth angle.
- The angles of a quadrilateral are in the ratio 3:5:7:9. Find the angles.
- An angle of a quadrilateral is 93° . The other three angles are equal. Find the measurement of each of the equal angles.
- Find the measure of x in each of the following



- Two adjacent sides of a parallelogram are equal. What is the measure of each?
- The measure of one angle of a parallelogram is 25° . Find the measures of the other angles of the parallelogram.
- Find the measures of the unknown angles in the in the following figures of parallelograms.



- Construct a quadrilateral DEAR such that $DE = 5$ cm, $EA = 6$ cm, $AR = 5.5$ cm, $\angle E = 75^\circ$ and $\angle A = 90^\circ$.
- Construct a quadrilateral ABCD such that $AB = 5.5$ cm, $BC = 6$ cm, $CD = 4$ cm, $AD = 6$ cm, and $\angle B = 75^\circ$.
- Construct a quadrilateral PQRS such that $PQ = 4$ cm, $QR = 5$ cm, $\angle P = 100^\circ$, $\angle R = 100^\circ$ and $\angle Q = 80^\circ$.
- Can you construct a quadrilateral PLAN such that $PL = 4$ cm, $LA = 8.5$ cm, $\angle P = 85^\circ$, $\angle L = 160^\circ$, and $\angle A = 45^\circ$? If yes construct it. If not, write why it cannot be constructed.

12. Solve using suitable property: a) $\frac{9}{2} \times \left[\frac{7}{6} - 1\frac{1}{6} \right]$ b) $\left[4\frac{2}{3} + 5\frac{1}{8} \right] \div \left[7\frac{1}{3} - 2\frac{1}{4} \right]$

13. Represent the following rational numbers on a number line : $-\frac{6}{11}$, $\frac{2}{11}$, 0, 1, -1.

14. List five rational numbers between a) -5 and -4 b) $\frac{1}{2}$ and $\frac{3}{4}$ c) $-\frac{1}{10}$ and $-\frac{1}{19}$

15. Evaluate: a) $\left[\frac{9}{10} \div \left(7\frac{1}{5} \right) \right] \times \left[\left(1\frac{2}{9} \right) - \left(3\frac{1}{3} \right) \right]$ b) $\left[\frac{-81}{35} \div \frac{27}{5} \right] \times \left[\frac{-5}{8} \times \frac{-16}{5} \right]$

16. Ram has bought a pen for Rs $18\frac{1}{2}$ and a note book for Rs $25\frac{1}{5}$. If he had Rs 50 in the beginning, how much money is left with him?
17. The sum of two rational numbers is $\frac{-7}{11}$. If one of them is $\frac{2}{5}$, find the other.
18. Sameera bought $3\frac{1}{2}$ kg of potatoes at Rs 10 per kg and $2\frac{1}{2}$ kg of onions at Rs 25 per kg. How much money she has to pay to the shopkeeper?
19. The product of two rational numbers is $8\frac{1}{3}$. If one of them is $-1\frac{1}{6}$, find the other.
20. The cost of $2\frac{1}{2}$ kg of sweets is Rs $77\frac{1}{2}$. Find the cost of $3\frac{1}{4}$ kg of sweets.
21. From the following data find the drop in average temperature from summer to winter in North Pole and also in South Pole.

Time of year	Average (mean) temperature	
	North Pole	South Pole
Summer	0° C	-28.2° C
Winter	-40° C	-60° C

22. Mt. Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations?
23. In Buffalo, New York, the temperature was -14°F in the morning. If the temperature dropped 7°F , what is the temperature now?
24. Roman Civilization began in 509 B.C. and ended in 476 A.D. How long did Roman Civilization last?
25. A submarine was situated 450 feet below sea level. If it descends 300 feet, what is its new position?
26. The Punic Wars began in 264 B.C. and ended in 146 B.C. How long did the Punic Wars last?
27. Present age of Raj and Ram is in the ratio 1:3. After 5 years Ram's age will be 2 years more than twice of Raj's age. Find their present ages.
28. The digits of a two digit number differ by 3. If the digits are interchanged and the resulting number is added to the original number, we get 143. What is the original number?
29. Arjun is thrice as old as Abeer. Four years ago the ratio of Abeer's age to that of arjun was 1:7. Find their present ages.

Let's Grow Our Bookworm

Make a face for your bookworm. Read story books. As you finish reading a book, write the name of the book. Draw your favourite character from the story on the same circle. Attach it to the face of the bookworm and keep adding the circles as you read more and more books. Bring this bookworm to school and share it with your friends. You can also compare who has the longest bookworm. Remember your bookworm keeps growing as you read more and more books.



HAPPY SUMMER HOLIDAYS !!!