

Winter Break Homework

Class - 7

Sub - SCIENCE

Write in notebook

1. Explain conduction, convection and radiation of heat.
2. Write the different types of motion with examples.
3. Write the process of photosynthesis and respiration in plants with word equation.
4. Write the functions of saliva, HCL acid, mucus, bile juice and pancreatic juice in human digestive system.
5. Draw or paste diagram of human digestive system.
6. What is reflection of light?
7. Explain solar Eclipse and lunar eclipse.

शीतकालीन अवकाश गृहकार्य (2025..26)

विषय हिंदी

कक्षा ७

- १ नाना जी को/ दादाजी को नववर्ष की शुभकामनाएं देते हुए पत्र लिखिए।
- २ "बारिश के बाद उपवन में सैर" विषय पर एक अनुच्छेद लिखिए।
- ३ अपनी प्रिय पुस्तक / नटराज पेंसिल का एक आकर्षक विज्ञापन तैयार कीजिए।
- ४ दो मित्रों के बीच क्रिकेट मैच का संवाद तैयार करें।

HOLIDAY HOMEWORK- WINTER BREAK

CLASS- 7th MATHEMATICS

Q.1 SOLVE THE QUESTION PAPER OF PT-2 EXAMINATION IN YOUR **MATHS NOTE BOOK**.

Q.2 WRITE AND LEARN THE SQUARE NUMBER OF 1 TO 30.

Q.3 WRITE AND LEARN THE CUBE NUMBER OF 1 TO 20.

Q.4 Construct triangles having the following side lengths (all the units are in cm):

(a) 4.5, 4.5, 6.5

(b) 7, 4, 5

(c) 3, 5, 3

(d) 4, 4, 4

(e) 3.5, 3.5, 3.

Q.5. Check if a triangle exists for each of the following set of lengths:

(a) 1, 100, 100

(b) 3, 6, 9

(c) 1, 1, 5

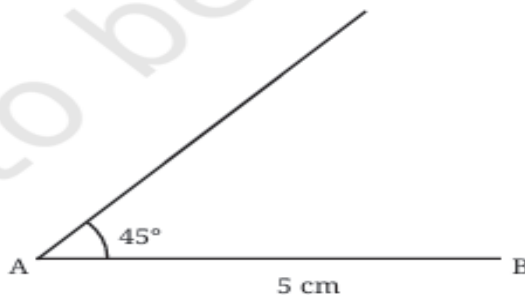
(d) 5, 10, 12

Activity 1

Q.6 DO THE FOLLOWING ACTIVITIES IN YOUR MATHS NOTE BOOK.

Construct a triangle ABC with $AB = 5$ cm, $AC = 4$ cm and $\angle A = 45^\circ$.

Let us take one of the given sides, AB, as the base of the triangle.

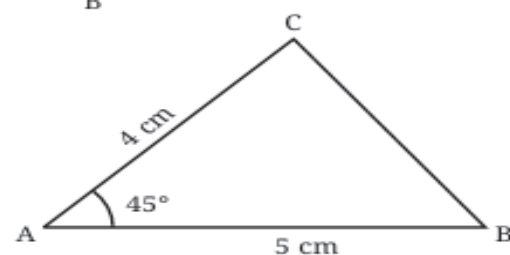


Step 1: Construct a side AB of length 5 cm.

Step 2: Construct $\angle A = 45^\circ$ by drawing the other arm of the angle.

Step 3: Mark the point C on the other arm such that $AC = 4$ cm.

Step 4: Join BC to get the required triangle.



NOW

Construct triangles for the following measurements where the angle is included between the sides:

(a) 3 cm, 75° , 7 cm

(b) 6 cm, 25° , 3 cm

(c) 3 cm, 120° , 8 cm

Class 7th –B (ENGLISH)

1.Read and write the summaries for all the chapters(Term-2 syllabus)

2.Write meanings of and make sentences out of the following:

Myriad

Deft

Rampant

Bewildered

Gratifying

3.Write a paragraph (100 words) on:

“Winter Season in My City”

4.Complete your notebooks and write neatly in your English notebook with correct grammar and punctuation.

P M SHRI K V SEONI

WINTER BREAK HOLIDAY'S HOME WORK & LEARNER DIARY

Session 2025-26

CLASS VII(S Sc)

1. Take one full size chart paper, and make Political Map of India and mark all states.

2. Read news paper daily and prepare a record about important and interesting news.

3. Read the following Chapters and make 5 MCQ questions & Learner Diary from each Chapter.

A Climate of India

B The Age of Reorganisation

C From Barter to Money

D The Gupta Era: An Age of Tireless Creativity

4. Do social work

in your surroundings and do help to your parents in their domestic work and prepare a report in a HW Copy narrating your experiences also.

Last date of submission of Completed HOLIDAY'S HW: 12.01.2026

PM SHRI KV SEONI
HOLIDAY HOMEWORK
CLASS 7
SUB- CODING

SOLVE IN YOUR NOTEBOOKS-

Q1. Give 5 examples of each of the following data type-

- a) String**
- b) Integer**
- c) Floating Point**

Q2. What is meant by function ? what are its advantages

Q3. What are different types of functions used in programming?

Q4. What is meant by arrays? How it is different from collections.

Q5. Give 5 real examples of arrays.