

KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- HINDI

1. निम्नलिखित विषय पर निबन्ध लिखए
दादी मा / महात्मागान्धी
 2. वाक्य किसे कहते हैं? भेद कितने हैं? लिखए
 3. उपसर्ग किसे कहते हैं?
 4. प्रत्यय किसे कहते हैं? भेद कितने हैं?
 5. कारक किसे कहते हैं? भेद कितने हैं?
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KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- SANSKRIT

1. शब्दरूपाणि लिखत् :-
(बालकः / गायकः / नायकः / बालिका)
 2. का नाम प्रत्ययः ? कति भेदः ? लिखत्
 3. का नाम वाक्यः ? कति भेदः ? लिखत्
 4. 1 – 50 संस्कृते लिखत्?
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KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- ENGLISH

Write short paragraphs on the following topics:

1. My favorite festival

2. My Grandparents

3. How I spent my holidays

❖ Write a letter to your friend describing how you celebrated Dussehra/Durga Puja.

❖ Write a letter to your cousin, who lives in another city, inviting him/her to celebrate Diwali at your place.

**KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- SOCIAL SCIENCE**

1. Describe the major development in the Hindu religious traditions during the Mediaeval era.

2. Discuss the Chola administration.

3. How was the Delhi sultanate established?

4. Why did Akbar built the Ibadat khana at Fatehpur Sikri?

5. Environment is our basic life support system. Justify it.

6. Why do plants and animals depends on each other?

7. What is Rock cycle. Explain with the help of a neat labelled diagram.

8. Explain the structure of the atmosphere.

9. List out different gases which constitute the atmosphere.

10. How do ocean currents affect the temperature of a reason?

KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- CHEMISTRY

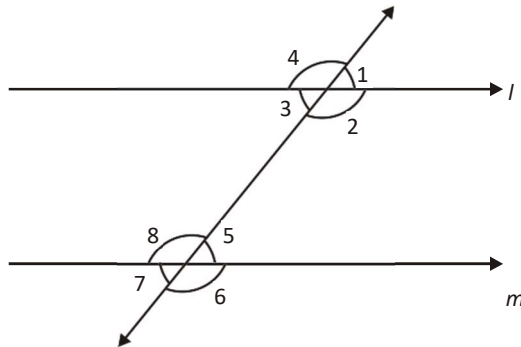
1. The tiny openings present on the leaf surface. What are they called?
2. A carbohydrate is produced by plants as food source. It is constituted from which molecules?
3. Name the parts of the alimentary canal where
 - (a) water gets absorbed from undigested food
 - (b) digested food gets absorbed
 - (c) taste of the food is perceived
 - (d) bile juice is produced
4. The long structure of small intestine is accommodated in small space within our body.
5. While constructing a house in a coastal area, in which direction should the windows preferably face and why?
6. Why is it advised not to hold the thermometer by its bulb while reading it?
7. What name is given to those substances which do not change the colour of either red or blue litmus paper?
8. Name a substance which is used to cure the discomfort caused by indigestion due to over eating.
9. State the function of valves ?
10. Draw diagram of human heart.

KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- SCIENCE

1. Give two differences between a zygote and a foetus.
2. Define asexual reproduction. Describe two methods of asexual reproduction in animals.
3. In which female reproductive organ does the embryo get embedded?
4. What is metamorphosis? Give examples.
5. Differentiate between internal fertilisation and external fertilisation.

KENDRIYA VIDYALAYA RRL JORHAT
AUTUMN BREAK HOME WORK 2022-23
CLASS- VII SUBJECT- MATHS

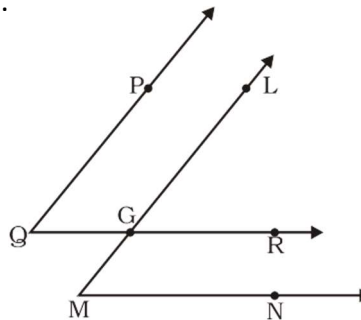
1. (a) Complementary angle of 65° is
- (b) Supplementary angle of 45° is
- (c) If line $AB \parallel CD$ and LM is transversal, sum of two interior angles on the same side of transversal is equal to
- (d) An angle is formed by the intersection of
2. In the figure, identify the pairs of corresponding angles.



3. An angle is greater than 45° . Its complement will be :
 (a) Less than 45° (b) Equal to 45° (c) Greater than 45° (d) None of these
4. State true or false :
 (a) If measure of an angle is 90° then its supplement angle will be greater than 90° .
 (b) Two obtuse angles form a linear pair.
 (c) Two acute angles form a linear pair.
 (d) If two adjacent angles are complementary they form a right angle.
5. In the figure, the arms of two angles are parallel.

If $\angle PQR = 70^\circ$, then find

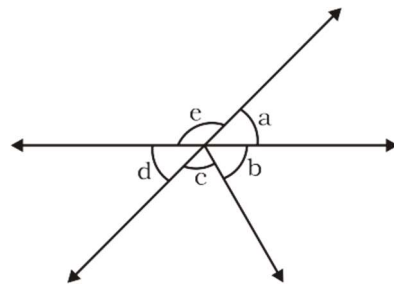
- (i) $\angle LGR$
- (ii) $\angle LMN$



6. Indicate two pairs of angles which are :

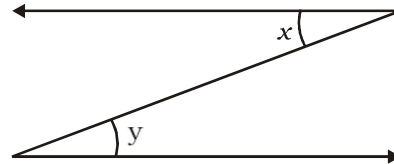
(i) Vertically opposite angles

(ii) Linear pairs



7. In the following figure, is $\angle x$ adjacent to $\angle y$?

Give reason.



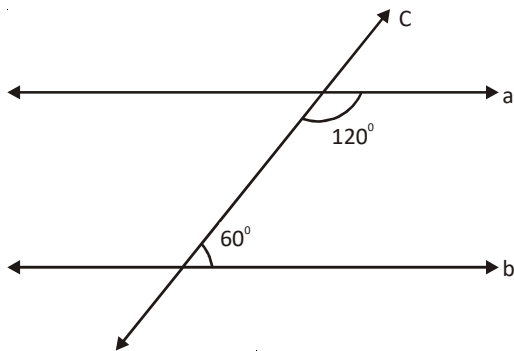
8. Find the angle :

(i) Which is equal to its complement.

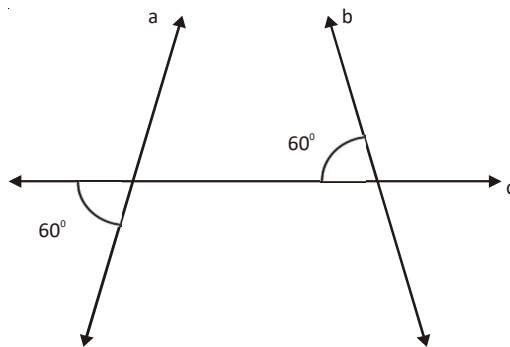
(ii) Which is equal to its supplement.

9. In the given figure, decide a is parallel to b .

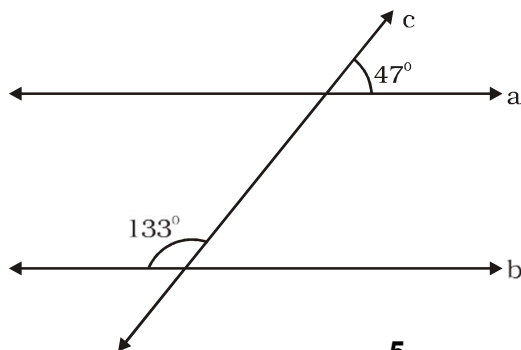
(i)



(ii)

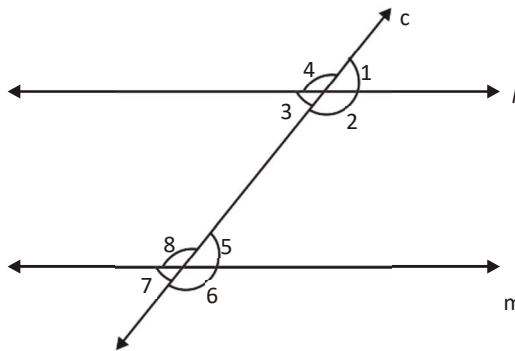


(iii)(iii)

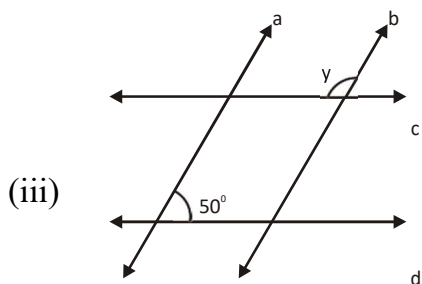
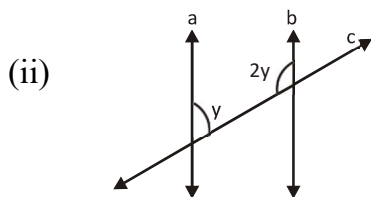
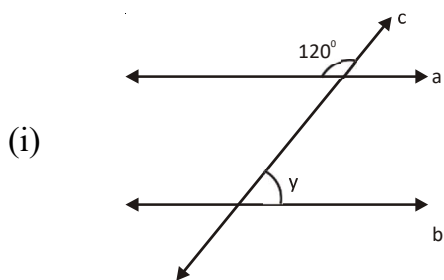


10. State the property that is used in each of the following statements :

- (i) If $l \parallel m$, then $\angle 4 = \angle 8$
- (ii) If $\angle 1 = \angle 7$, then $l \parallel m$
- (iii) If $\angle 3 + \angle 8 = 180^\circ$, then $l \parallel m$



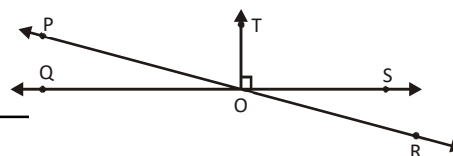
11. Find the value of y in each of the following figure if $a \parallel b$



12. In the following figure name the following pairs of angles :

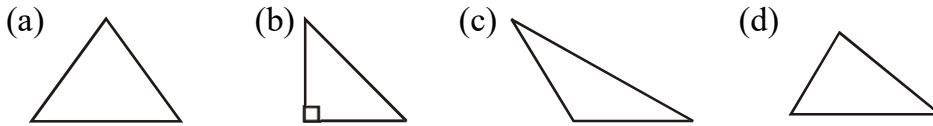
- (i) Obtuse vertically opposite angles.
- (ii) Adjacent complement angles
- (iii) Euqal supplementary angles

_____ 6 _____



- (iv) Unequal supplementary angles
 - (v) Adjacent angles that do not form a linear pair.
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1. Which of the following figures will have its altitude outside the triangle.

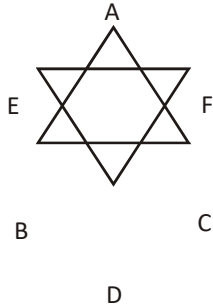


2. Fill up the blanks :

- (i) Every triangle has at leastacute angles.
- (ii) The longest side of a right angled triangle is called its
- (iii) Median is also called..... in an equilateral triangle.
- (iv) The line segment joining a vertex of a triangle to the mid-point of its opposite side is calledits.....

3. If one angle of a triangle is 60° and the other two angles are in the ratio 1 : 2, then find the angles.

4. In figure find the value of $\angle A + \angle B + \angle C + \angle D + \angle E + \angle F$

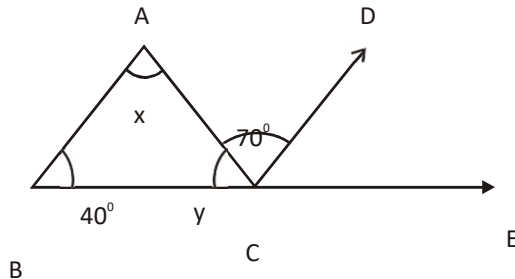


5. Two poles of 8m and 14m stand upright on a plane ground. If the distance between two tops is 10m. Find the distance between their feet.

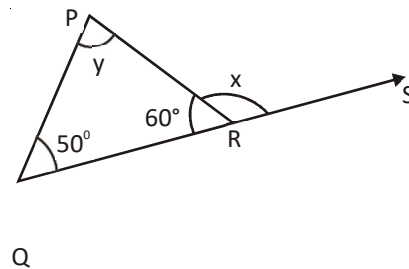
6. Mohini walks 1200m due East and then 500m due North. How far is she from her starting point?

7. Find the value of x and y .

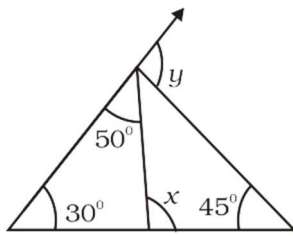
(i) Here $CD \parallel AB$



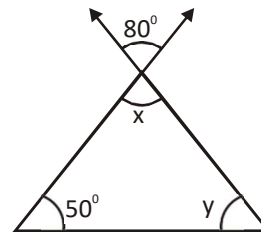
(ii)



(iii)

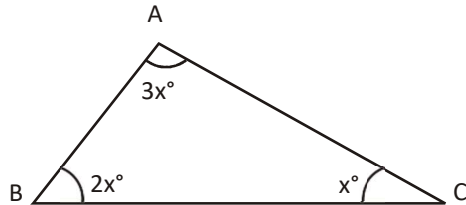


(iv)

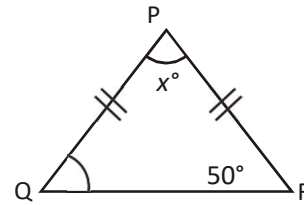


8. Find the value of x :

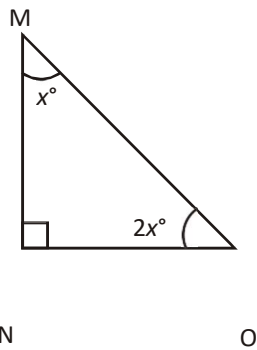
(i)



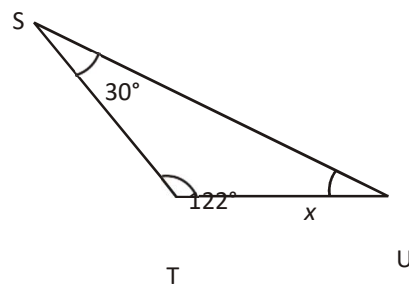
(ii)



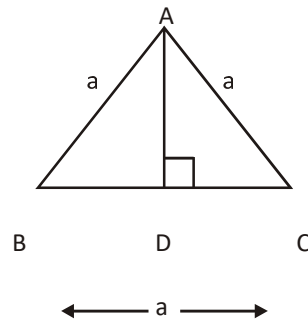
(iii)



(iv)



9. ABC is an equilateral triangle with side a . AD is an altitude. Find the value of AD^2 .



10. State whether the given statements are True or False :

- (i) Sum of two sides of a triangle is greater than or equal to the third side.
- (ii) The difference between the lengths of any two sides of a triangle is smaller than the length of third side.
- (iii) Sum of any two angles of a triangle is always greater than the third angle.
- (iv) It is possible to have a right angled equilateral triangle.

