

1076 NADI SANGAM SCHOOL

YEAR 8

CONSOLIDATED

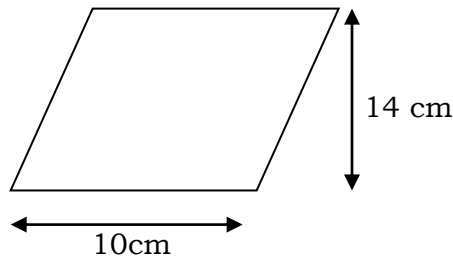
**WEEKLY HOME STUDY
PACKAGE:14**

2021

A. MULTIPLE CHOICE

- The volume of a cube is 216 cm^3 . If a cube of 5 cm is cut away, what is the volume of the remaining solid?
A. 91 cm^3 B. 155 cm^3 C. 92 cm^3 D. 163 cm^3
- A car travelled 120 km in 2 hours . Calculate the average speed
A. 70 km/h B. 75 km/h C. 60 km/h D. 68 km/h
- Raj deposited $\$3600$ in a bank at a rate of 2% per annum. Calculate the amount of money in his account after 24 months .
A. $\$144.00$ B. $\$3744.00$ C. $\$2612.50$ D. $\$275.50$
- 0.33 as a percentage is equal to
A. 33% B. 43% C. 0.33% D. 0.064%
- A cuboid has _____ faces.
A. 6 B. 8 C. 4 D. 12

6.



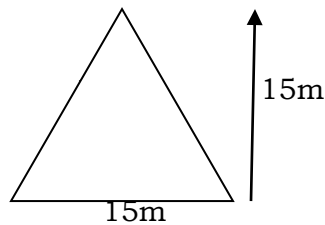
What is the area of the shape given above?

- A. 90 cm^2 B. 140 cm^2 C. 80 cm^2 D. 70 cm^2
- There were 12 people in a party. If each person shakes hand with the other person once only, how many handshakes will be there altogether?
A. 60 B. 185 C. 66 D. 145
 - Subtracting 137275 from 374654 would give
A. 237379 B. -237379 C. $224\ 301$ D. $-689\ 132$
 - Set $Q = \{-15, 7, -8, 9, -18\}$ What is the smallest integer in the set Q ?
A. -18 B. -15 C. 7 D. 9
 - Vivaan shared $\$180\ 640$ equally between his two sons. How much would each son get?
A. $\$90\ 320$ B. $\$271\ 248$ C. $\$135\ 622$ D. $\$135\ 624$

B. PROBLEM SOLVING

- What is the sum of all the interior angles of hexagon?
 - Find the value of a when $4a + 10 = 30$
 - Shaveet scored the following marks in a trial test. ($57, 78, 70, 54, 85$). What is the median?

2. Jale owns a triangular farm as shown below and he wants to fence it. He needs to fence the farm with four rows of wire.

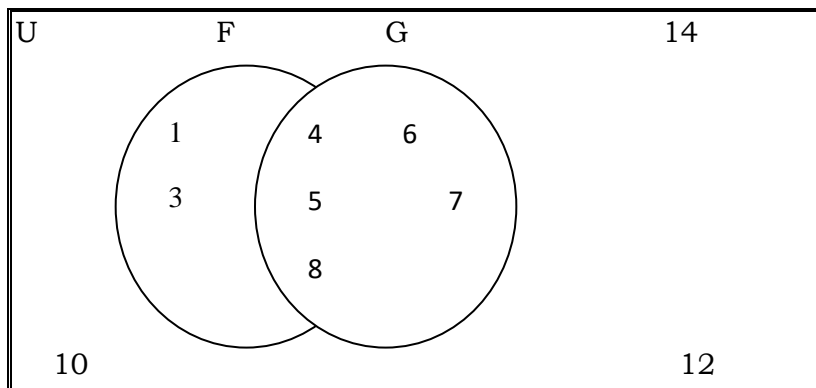


- (a) How many metres of wire is needed to fence the farm?
 (b) If the cost of wire is \$4.50 per meter. Calculate the total cost of wire needed to fence the farm?

3. Viliame takes 4 minutes and 10 seconds to run 1500 metres.

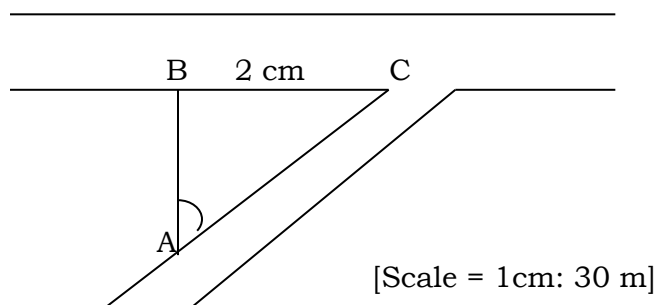
- (a) Find his speed in metres per second?
 (b) If he continues to run at this speed, how many metres can he run in 5 minutes?

4.



- (a) List: FUG
 (b) List the members of the universal set?

5. Moape's triangular farm has two equal sides.



- (a) What is the land area (in m^2) of Moape's farm?
 (b) Moape wishes to plant banana plants 3 m apart along the edge of the two shorter sides of his farm. If he plants the first banana plant at the corner C, how many banana plants will he plant in total?

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WEEKLY HOME STUDY PACKAGE 14
ENGLISH

DICTIONARY

extract verb 1. Remove or take out, especially by effort or force. ‘the fossils are extracted from the chalk’

n. preparation containing the active ingredient of a substance in concentrated form. ‘Natural plant extracts’

Adapted from: <http://en.oxforddictionaries.com>

1. How many parts of speech does the word extract have?
2. Write some other words that can be formed from the main word.
3. How many syllables in the word extract?
4. Write another sentence using the word extract.

B. LIBRARY

1. State the role of a librarian.
2. What is issuing desk?
3. Give an example or name of books to each type
 - a) Fiction book-
 - b) Non- Fiction –
 - c) Encyclopedia-

C. MASS MEDIA

1. Give two types of media and give examples to each.
2. Write down all the Section of Fiji Times you have learnt
3. Give one advantage of Fiji Times over newspaper.
4. How do most remote islands dwellers access to local news?

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WEEKLY HOME STUDY PACKAGE 14
BASIC SCIENCE – LESSON NOTES

Content Learning Outcome – *Appreciating how weather influences our daily activities.*

The Five Components of Weather

1. **Temperature** – amount of heat in the atmosphere
2. **Humidity** – amount of water vapour in the air
3. **Precipitation** – in the form of snow/hail/ sleet /rain
4. **Wind** – moving air. Wind that blows towards the equator is called the Trade Wind
5. **Cloud Cover** – amount of cloud in the atmosphere.

Note:

Convection current – warm air rises up through the atmosphere and becomes cooler as it moves towards the poles

Q: *How are clouds formed?*

A: When warm air rises, it expands and cools. Cool air can't hold much air as warm air so some of the vapor condenses onto tiny pieces of dust that are floating in air and form a tiny droplet. These tiny water droplets combine with other droplets to form clouds.

Q: *Why are clouds white?*

A: Light contains seven colors and it travels at different wavelengths. Clouds are white because the water droplets or ice crystals are large enough to scatter the light of the seven wavelengths (VIBGRYO) which combine to produce white light.

Q: *Why do clouds turn gray?*

A: If the clouds get thicker or high enough all the light does not get through, thus gray or dark look color appear. Secondly, the shadow of other clouds around can add to the gray of dark color appearance.

Q: *Why do clouds float?*

A: As long as the cloud and the air that it's made of are warmer than the outside, it floats.

Q: How do clouds move?

A: Clouds move with the wind

Q: Why do clouds form at different height in the atmosphere?

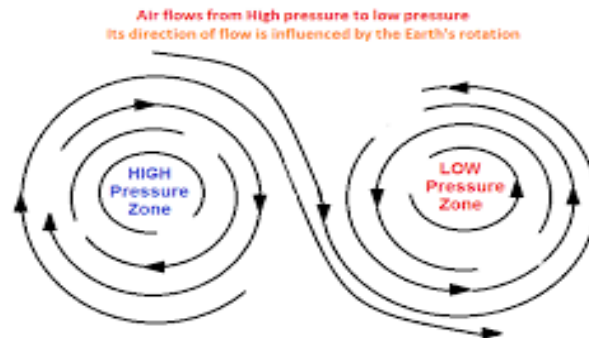
A: It depends on the elements available – that included the amount of water vapour, temperature, wind, etc.

Note:

High pressure – good weather condition (sinking air/cool and dry air)- air flow inwards

Low pressure – wet weather condition (rising air/moist air/warm air)- air flow outwards

The air flow is due to earth's rotation and friction.

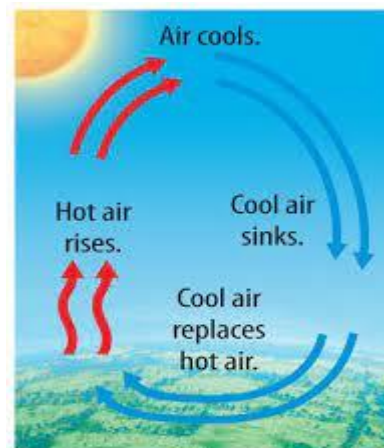
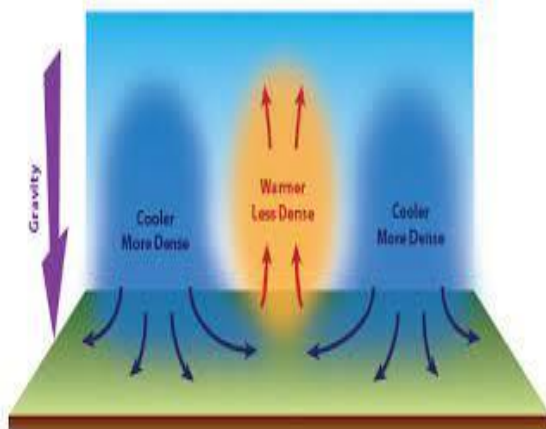


What is Atmospheric Pressure (Air Pressure)?

It is the pressing down of the atmosphere.

Remember:

- Warm air weigh less than cool air and that is why hot air balloon fly therefore less air pressure.
- Cooler air weigh more and therefore the air pressure is more.



YEAR 8 HINDI WEEKLY HOME STUDY PACKAGE - 14

प्रश्न 1

व्याकरण और प्रयोग

अ. दिए गए शब्दों में से सही शब्द चुनकर इन वाक्यों को पूरा कीजिए ।

सही जवाब के बगल वाले अक्षर पर गोलाकार निशान बनाइए ।

1. बच्ची गेंद खेल ----- हैं ।
क. रहे ख. रहा ग. रही घ. रहीं
2. किसी को गाली देना ----- बात है ।
क. बुरे ख. बुरीं ग. बुरा घ. बुरी
3. नीचे दिए गए शब्दों में से किस शब्द की वर्तनी सही है ?
क. किशान ख. किसान ग. कीशान घ. कीसान
4. वीर शब्द का विलोम शब्द क्या है ?
क. बहादुर ख. चालाक ग. डरपोक घ. समझदार
5. रतन गीत गाएगा । इस वाक्य का भूत काल क्या है ?
क. रतन गीत गाता है । ख. रतन गीत गा रहा है ।
ग. रतन गीत गा चुका है । घ. रतन गीत गाने वाला है ।

आ नीचे दिए गए शब्दों का विलोम शब्द लिखिए ।

1. एक -----
 2. जन्म -----
- इ. नीचे दिए गए शब्दों का पर्यायवाची शब्द लिखिए ।
1. समाप्त -----
 2. अध्यापक -----

ई. नीचे दिए गए शब्दों की वर्तनी गलत हैं। उन्हें सुधार कर लिखिए ।

1. गुलामि -----
2. परमातमा -----

उ. नीचे दिए गए शब्द सही क्रम में नहीं है । हिन्दी वर्णमाला के आधार पर उन्हें सही क्रम में लिखिए ।

लाभ शहर औरत जीवन

उ. क्रिया के सही रूप से रिक्त स्थानों की पूर्ति कीजिए । सही जवाब को लिखिए ।

1. अमित अतुल से तेज ----- है । (दौड़ना)
2. क्या तुम्हें बाहर ----- पसन्द है ? (खेलना)

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NA VEIKA VAKA VITI

Wilika na serekali ka sauma na taro;

1. Veigauna sa dau divi
Na i vakarau ni bula e Viti
Rui lagilagi qai kilikili
E rui totoka qai uasivi
2. Na i tovo ni bula rui lagilagi
Sa kena yavu na veilomani
Duavata kei na veiyagani
Qaravi na cakacaka ena solesolevaki
3. O ira na tukada era sa yali
Ra veirokorokovi, ra veilomani,
Veicakacaka kece e qaravi
Qaravi ga na solesolevaki
4. Veika lelevu kece ra rawata
Da sa qoroya na nodra cakacaka
Isa! ra rawata beka vakacava
Sa rawa ga ena duavata
5. Nodra teitei ra solevaka
Marautaki na kena i cakacaka
Era veiwali dredre ka lasa
Na kena oco ra kania vata
6. Veivale e vakaitamera
Era sautu ka levu na kedra
Sega na dravudravua ka sega na leqa
Sa dodonu meda liaci keda

Taro

1. Na cava e serekalitaki tiko ena serekali qo?
2. Na i tovo cava era dau kilai tani kina na tukada ra sa yali?
3. Vakamacalataka na i balebale ni vosa na oco.
4. Na cava na vuna meda liaci keda kina ena i otioti ni qaqana?
5. Vola e du an I yatuvosa e na veivos oqo
a) liaci b) sautu c) veiwali d) solesolevaki

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HEALTHY LIVING, 2021

PARTICIPATING IN COMMUNITY SERVICE

What is community service?

Community service is simply working without pay in order to serve a common good. The whole purpose of community service is based on the idea that it is a good thing to give without expecting anything in return, and that if everyone gives a little in their local community, the world can become a better place a little bit at a time.

Exercise

1. Explain why people do community service?

2. State ways of participating in community service?

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SOCIAL SCIENCE, 2021

HAZARDS DISASTER, SOCIO-ECONOMIC AND ENVIRONMENTAL IMPACT

a. In point wise jot down the causes and impacts of Hazards on people and the environment. The first one is done for you. Complete the others.

TYPE OF HAZARD	CAUSE	IMPACTS ON PEOPLE	IMPACTS ON ENVIRONMENT
TROPICAL CYCLONE/HURRICANE	<ul style="list-style-type: none">• Warm oceans in tropical region• Warm moist air moves over the oceans	<ul style="list-style-type: none">• Loss of life• Injuries• Loss of income/jobs• Damage houses and properties.	<ul style="list-style-type: none">• Loss of vegetation• Damages to plantation and gardens• Damages to fresh water source.
FLOOD			
EARTHQUAKE			
TSUNAMI			
DROUGHT			
STORM SURGE			
LANDSLIDE			