

1076 NADI SANGAM SCHOOL

HOME STUDY PACKAGE 13

SOLUTIONS

YEAR 7



2021

1076 NADI SANGAM SCHOOL
WEEKLY HOME STUDY PACKAGE 12

Subject: ENGLISH

SOLUTION

Year/Level : 7

Letter Writing:

Nauciwai Primary School
Navua
_____September 2021

The Director
Fiji Museum
Suva

Dear Sir/Madam

RE: PERMISSION TO VISIT SUVA MUSEUM

I, Saiasi Kali/ Kesaia Vono, as the Class Prefect of the above mentioned school, am writing this letter to seek permission to visit the Suva Museum as part of our Social science research project.

We intend to visit the Museum on _____ of September 2021 at 10:00 am with forty students and two teachers.

Please advise us of any rules or protocols we have to follow whilst the field trip.

Looking forward for a favorable reply.

Yours faithfully,

Saiasi Kali/ Kesaia Vono (Class Prefect)

1076 NADI SANGAM SCHOOL
WORKSHEET 13 / WEEKLY HOME STUDY PACKAGE 10

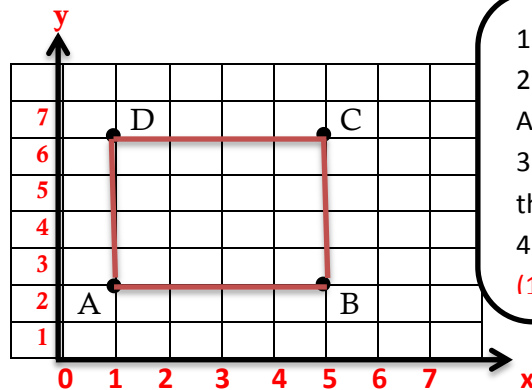
Subject: Mathematics

Year/Level : 7

Strand	M 4: GEOMETRY
Sub Strand	M 4.1: Coordinates
C L O	<ul style="list-style-type: none"> ❖ <i>Count coordinates on the x-y plane.</i> ❖ <i>Identify the x and y axis (horizontal and vertical lines).</i> ❖ <i>Determine and plot co-ordinates of any given point.</i>

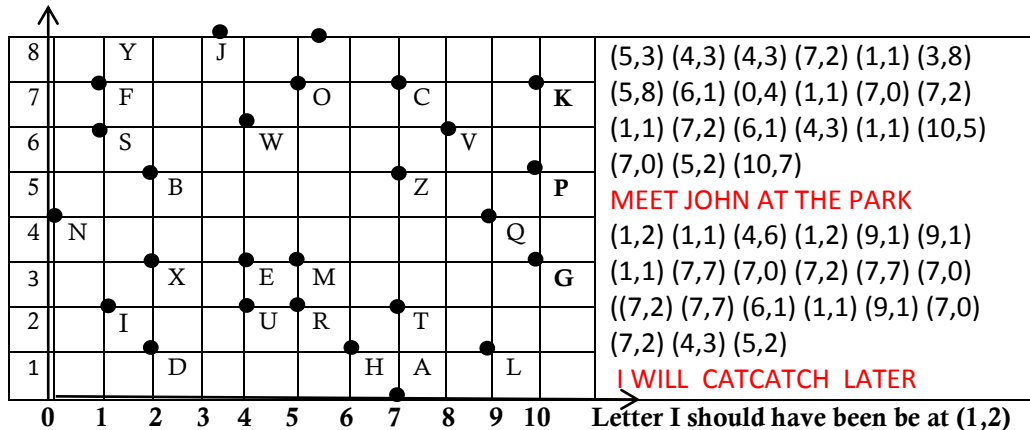
PLOTTING POINTS

Exercise:

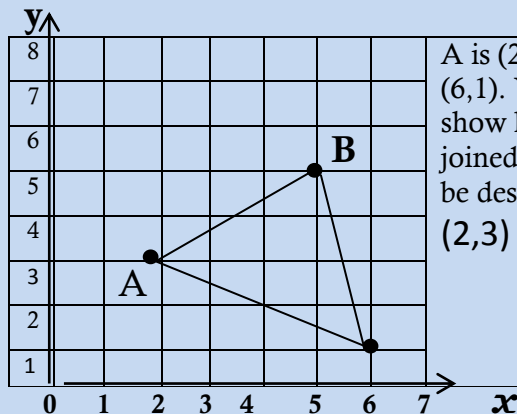


1. Label the x and y axis correctly.
2. Plot these points:
A (1,2) B (5,2) C(5,6).
3. Plot point D, to make a square on the coordinate plane.
4. What is the coordinate for point D?
(1,6)

Coordinates can also be used to send secret messages. Decoding this.



Coordinates can also be used to name each corner of a particular shape. Now study the given example.

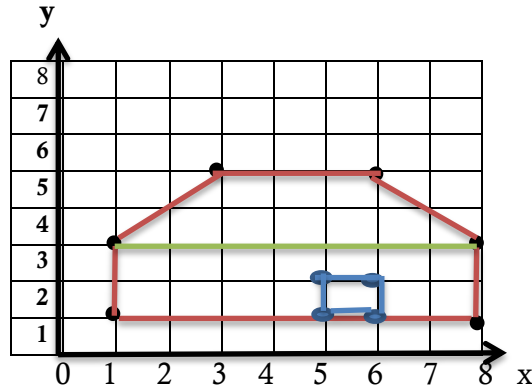


A is (2,3), B is (5,5) and C is (6,1). You can use arrows to show how the points are joined. Hence, this shape can be described like this:
(2,3) → (5,5) → (6,1)

EXERCISE:

1. Draw your x-y axis and plot the following coordinate points on the plane. Join the points and name the shape it forms.

- a. (1,1) → (1,3) → (3,5) → (6,5) → (8,3) → (8,1) → (1,1) **Red - Hexagon**
- b. (5,1) → (5,2) → (6,2) → (6,1) **Blue - square**
- c. (1,3) → (8,3) **Green - line segment**



MID-POINT

Achievement Indicator:

❖ Solve any problem on the x-y axis.

	<p>The point halfway between the endpoints of a line segment is called the <i>midpoint</i>.</p> <p>Method $\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}$</p> $\frac{1+5}{2}, \frac{5+5}{2}$ $6/2, 10/2$ <p>Midpoint = (3, 5)</p>
--	---

Find the midpoints for these lines.

i) A(3,7) B(9,7)

ii) F(3,1) G(3,7)

iii) M(3,4) N(5,6)

$$\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}$$

$$\frac{3+9}{2}, \frac{7+7}{2}$$

$$\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}$$

$$\frac{3+3}{2}, \frac{1+7}{2}$$

$$\frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}$$

$$\frac{3+5}{2}, \frac{4+6}{2}$$

$$\frac{12}{2}, \frac{14}{2}$$

$$\frac{6}{2}, \frac{8}{2}$$

$$\frac{8}{2}, \frac{10}{2}$$

(6,7)

(3,4)

(4,5)

1076 NADI SANGAM SCHOOL
YEAR 7
BASIC SCIENCE
WEEKLY HOME STUDY PACKAGE 10
SOLUTION

Exercise: Can Sound Travel through Solids?

1. Copy and complete:

I tapped the desk softly. The sound from the desk **travelled** through the air to my ears. I pressed one ear firmly on the **desk**. My friend (name) tapped the other end of the desk gently. The sound travelled through the **desk** to my ears. The sound travelling through the desk was **louder**/softer than the sound travelling through the air.

When I talked to (who?) on the tin telephone, the sound travelled through the **string** to my friends ears.

2. Answer the questions in complete sentences.

a.) Is air, solid, liquid or gas? **Air is gas**

b.) What is your desk made of, solid, liquid or gas? **Solid**

3. Conclusion:

In this activity we observed that sound can travel faster through **solid** than through air.

Exercise: Can Sound Travel through Liquids?

1. Copy and complete.

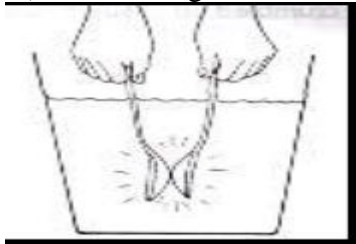
We tapped two **spoons** in the air. The sound it produced travelled through **air** to our ears.

We tapped the two spoons together in the plastic bucket of **water**. The sound travelled through **water and the air** to our ears. Similarly when we flicked our fingers the sound travelled through **water and then air** to our ears.

2. Answer the questions in complete sentences.

a.) Can sound travel through liquid? **Yes**

b.) Draw a diagram to show how sound travel through liquid.



c.) What did you do with the spoons?

We tapped the spoons together in air and then in plastic bucket full of water

3. Conclusion:

When we tapped the two spoons together in the bucket of water, we **could** hear the sound. This tells us that sound can travel through **liquid**.

1076 NADI SANGAM SCHOOL

YEAR 7

WEEKLY HOMESTUDY PACKAGE 13

SOLUTION

Strand 3 Place & Environment- Belonging To Special Places

Activity:

1. Find the meaning of the terms given:
 - (a) Pacific Ocean- *the world's largest and deepest ocean, lying between Asia and Australia and North and South America:*
 - (b) Continents- *one of the seven large land masses on the earth's surface, surrounded, or mainly surrounded, by sea and usually consisting of various countries*
 - (c) South Pacific- *The Pacific Ocean is the largest and deepest of Earth's oceanic divisions*
2. What is Fiji's location ?(give latitude and longitude)
Fiji's latitude and longitude is 18° 00' S and 175 ° 00' E
3. Explain two advantages and two disadvantages of Fiji's location

Advantage:

- Located strategically in the hub which makes it easily accessible to tourists
- Fiji is renowned as the HUB of the South Pacific or Oceanian region where it is host to many international organisations and diplomatic corps that are also accredited to several neighbouring countries. It is also the destiny that links many Pacific Island Countries to the world.
- Fiji has a tropical climate and is the gateway to the South Pacific. Fiji's climate is warm and tropical year-round.
- Fiji is the gateway to the South Pacific with direct flights to Fiji from the USA, Asia, New Zealand and Australia.
- There are numerous transport options in Fiji depending on where you need to go.
- Fiji is the hub of the **South West Pacific**, midway between Vanuatu and Tonga.

Disadvantage:

- Prone to tropical depressions (cyclones)
- Threat of climate change
- The Fiji group is surrounded by reefs and these are a hazard to sailors,
- Fiji is remotely located away from the big continents;
- The Fiji Islands are small in size and have limited resources compared to big continents or countries
- Fiji is located in the tropics and is affected by intense tropical cyclones or hurricanes

1076 NADI SANGAM SCHOOL
YEAR 7
HEALTHY LIVING
WEEKLY HOME STUDY PACKAGE 10
SOLUTION

Activity

Ringworm and Dhani

Ringworm is a **fungal** infection growing in the form of a ring. The affected area of the skin is **rough** and itchy.

Dhani is another fungal infection that causes white patches on the skin. Most fungus **infection** grow in the form of a ring. They often itch.

Treatment of such infections involve washing the infected part every day with soap and water.

The affected areas must be kept dry and **exposed**. Medical **help** must be sort if fungal infection persists.

1076 NADI SANGAM SCHOOL
YEAR 7 - हिन्दी HINDI
WEEKLY HOMESTUDY PACKAGE 13
SOLUTION

२. क. विद्यार्थी ख. पौष्टिक ग. प्रर्थना घ. आदर

३. क. गुस्सा करने से शरीर की ताकत घटती है और दूसरों को दुख पहुँचता है ।

ख. विद्यार्थी जीवन में विद्या- अध्ययन करना जरूरी है क्योंकि यही हमारे भविष्य की नींव है और इससे हमारे बुद्धि का विकास होता है तथा हमारा भविष्य उज्ज्वल और सुखमय होगा।

ग. मिलकर रहने के लिए सबके साथ प्रेम और दया की भावना का व्यवहार करना चाहिए ।

घ. शरीर मजबूत बनाने के लिए खेल-कूद और कसरत पर ध्यान देना चाहिए ।

४. आस्तिक शरीर मजबूत बनेगा
खेल-कूद, कसरत ईश्वर में विश्वास
गुस्सा करने से बुरी आदत
लालच, चोरी अच्छी आदत
सच, प्रेम और दया ताकत घटती है
विद्यार्थी जीवन भविष्य की नींव



पगड़ी



लोटा



साड़ी



धोती



कलश



तुलसी