

**1076 NADI SANGAM SCHOOL**

**YEAR 8**

**CONSOLIDATED**

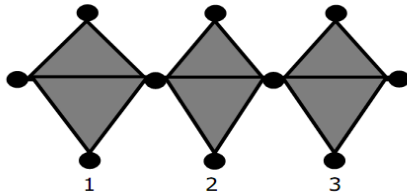
**WEEKLY HOMESTUDY PACKAGE: 9**

**2021**

**1076 NADI SANGAM SCHOOL**  
**YEAR 8 MATHEMATICS WEEKLY HOME STUDY PACKAGE 9 - 2021**

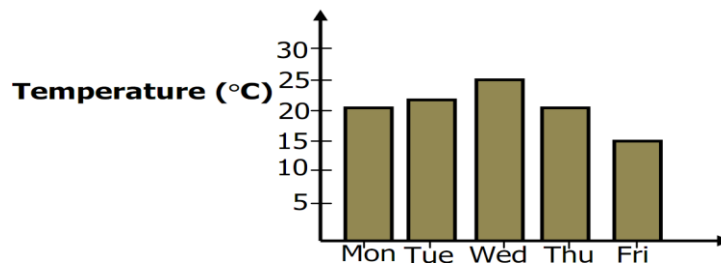
**QUESTION 1**

- Which numbers would complete the number pattern given below?  
3, 8, 5, \_\_\_\_\_, 7, 12, \_\_\_\_\_, 14
- Using the pattern below, how many dots will make **5** diamonds?



**QUESTION 2**

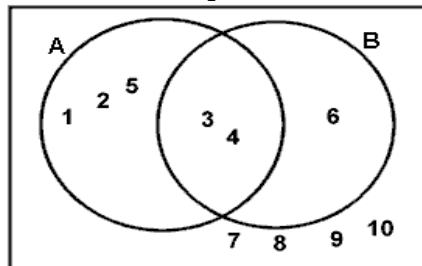
During a science experiment, Year 8 students recorded the daily temperature for a week. The result is shown in the graph given below.



- Which is warmest day of the week?
- Lowest temperature recorded in the week was?
- Which two days recorded the same temperature?

**QUESTION 3**

Use the diagram given below and answer the questions

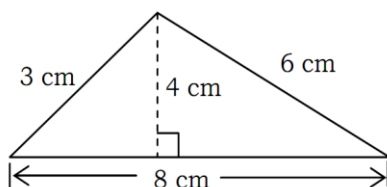


List:

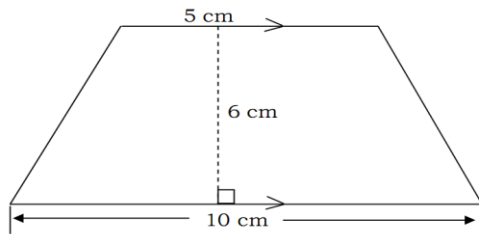
- $A \cap B$
- $A \cup B$  is
- Elements of set A
- Set  $B^c$

**QUESTION 4**

- Work out the area of the triangle given below.

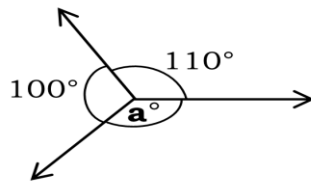


2. Work out the area of the trapezium given below.

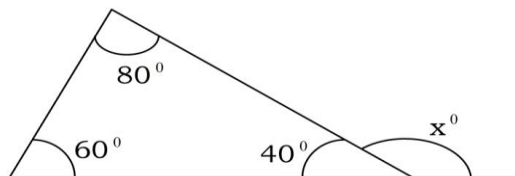


### QUESTION 5

1. Find the angle marked **a** in the diagram below.



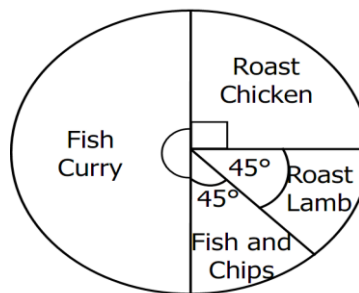
2. The size of the angle marked **x** is



### QUESTION 6

Use the pie chart to answer the question below.

**Favourite Food for Year 802**



- Most favourite food of the class is \_\_\_\_\_
- Which two food is liked by the same number of children?
- If there are in total of 24 students in the class. How many students like **Roast Chicken**?

**1076 NADI SANGAM SCHOOL**  
**YEAR 8 – 2021**  
**WEEKLY HOME STUDY PACKAGE 9**  
**ENGLISH**

**A. USAGE**

Rewrite the following sentences using the instructions given in the bracket.

**1. (Rewrite Begin with: When.....)**

Fine got out of her seat.

The teacher entered the classroom.

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**2. (Use Neither .....nor to join the sentence)**

Gaurav didn't go to the movies.

Sishaant didn't go too.

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**3. Re -write in Reported Speech.**

"Who stole the cookies from the jar, Mum," asked Pita.

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**4. Re -write in Direct Speech.**

The sick patient told the doctor that he was admitted in the hospital for the past six months.

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**5. Change the sentence given below in to a question. Begin with: Whom**

The man Shem talked to this morning was an escape prisoner.

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**1076 NADI SANGAM SCHOOL**  
**YEAR 8 WEEKLY HOME STUDY PACKAGE: 9- 2021**  
**BASIC SCIENCE – LESSON NOTES**

**HOW THE POSITION OF THE SUN, MOON AND EARTH CAUSE CHANGES IN THE ECLIPSES?**

**What is eclipse?**

Eclipse occurs when a huge shadow travels across the surface of the earth.

**Note**

- The darker part of the shadow is called the **umbra**.
- The lighter part is called the **penumbra**.
- When the earth's surface is shadowed by the umbra (darker part) total eclipses will be seen
- When the penumbra (lighter part) shadowed the earth's surface, partial eclipse will be seen.

Page 129 – bottom  
picture

**2 Types of Eclipses**

1. **Solar Eclipse** – occurs sometimes when the moon passes between the sun at a new moon. The shadow of the moon fall on the earth that shadows out the sun.



2. **Lunar Eclipse** – occur sometimes when the moon travels on the opposite side of the earth from the sun at full moon. The moon passes in the earth's shadow. It is very dull and can only be just a little visible.



## **Remember**

- ✓ Without the sun there will be no heat
- ✓ Other planets do not have their own light but reflects on the sunlight that fall on them
- ✓ The sun's heat energy transmits into the planets and produce their gaseous composition.

## **EFFECTS OF THE MOON AND SUN ON PLANTS AND ANIMALS IN THE LOCAL CULTURE**

### **1. I TAUKEI CULTURE – *Moon* -**

- Determine the kind of food that will be sufficient during that time
- Know the kind of fish that is plentiful at sea when it is half-moon or full moon
- Know the sprouting flowers and food plants of the season
- When there are lot of ants around home carrying tiny particles – means wet weather approaching

### ***Sun and Wind***

- Fisherman used the wind direction as a form of compass while sailing

### **2. MUSLIM RELIGION**

- ✓ Sacred fasting period called the RAMADAN (9<sup>th</sup> moon of Islamic calendar)
- ✓ Holy book – Quran
- ✓ Eid Festival-Biggest celebration to mark the end and success of the fasting period.

### **3. HINDU RELIGION**

- ❖ Sun God – **Surya Narayan** is the God Hindus pray to every morning
- ❖ Moon God – **Chandra** – God of Peace

### **4. CHINESE RELIGION**

- ❖ Moon Cake Festival – Mid Autumn Festival in September
- ❖ Harvest festival for farmers especially during the appearance of new moon
- ❖ Ladies worship the moon goddess Chang- E
- ❖ Women pray to the moon goddess to be blessed for good husbands.

**1076 NADI SANGAM SCHOOL  
YEAR 8 WEEKLY HOMESTUDY PACKAGE 9-2021  
SOCIAL SCIENCE**

**FAMOUS PEOPLE**

Research on the following famous people.

- Paste pictures
- Explain what they are famous for.

	<b>Albert Einstein</b> <hr/> <hr/> <hr/> <hr/> <hr/>
	<b>Martin L. King</b> <hr/> <hr/> <hr/> <hr/> <hr/>
	<b>Queen Victoria</b> <hr/> <hr/> <hr/> <hr/>

	<b>Abraham Lincoln</b> <hr/> <hr/> <hr/> <hr/>
	<b>Indira Ghandi</b> <hr/> <hr/> <hr/> <hr/>
	<b>Adolf Hitler</b> <hr/> <hr/> <hr/> <hr/>



	<b>Mother Teresa</b> <hr/> <hr/> <hr/> <hr/> 
	<b>Bill Gates</b> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> 
	<b>George Bush</b> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> 

**1076 NADI SANGAM SCHOOL**  
**YEAR 8 WEEKLY HOME STUDY PACKAGE 9 - 2021**  
**HEALTHY LIVING**

1. Why do we need relationships?

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2. Why is trust important to any relationship?

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3. How does control and inequality in relationship lead to failed relationship?

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4. Write down three dishonest practices that can contribute to unhealthy relationship.

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5. State a function of white blood cells

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**1076 NADI SANGAM SCHOOL**  
**YEAR 8 HINDI WEEKLY HOME STUDY PACKAGE 9-2021**

व्याकरण और प्रयोग

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

१. घर जाने के लिए यह रास्ता बहुत ..... है ।  
क. लम्बे                      ख. लम्बी                      ग. लम्बा                      घ. लम्बी
२. पता नहीं भोजन तैयार हुआ ..... नहीं ।  
क. के                      ख. की                      ग. का                      घ. कि
३. धोबिन शब्द का पुल्लिंग शब्द क्या है ?  
क. धोबी                      ख. औरत                      ग. पंडित                      घ. मछुआ
४. कान भरना, इस मुहावरे का सही अर्थ क्या है ?  
क. बात करना                      ख. बड़ाई करना  
ग. झगड़ा करना                      घ. शिकायत करना
५. मुझे इनाम मिला । इस वाक्य का भविष्य काल क्या है ?  
क. मुझे इनाम मिला था ।                      ख. मुझे इनाम मिलेगा ।  
ग. मुझे इनाम मिला है ।                      घ. मुझे इनाम मिल रहा है ।

आ. नीचे दिए गए शब्दों का विलोम शब्द अपनी अभ्यास-पुस्तिका में लिखिए ।

१. जवाब .....
२. पुत्र .....

इ. क्रिया के सही रूप से रिक्त स्थानों की पूर्ति कीजिए ।

१. राहुल हमेशा सुन्दर लेख ..... है ।                      (लिखना)
२. क्या आपको ..... आता है ?                      (तैरना)