

1076 NADI SANGAM SCHOOL

YEAR 8

CONSOLIDATED

WEEKLY HOMESTUDY PACKAGE: 9

SOLUTIONS

2021

1076 NADI SANGAM SCHOOL

YEAR 8 MATHEMATICS WEEKLY HOME STUDY PACKAGE 9 SOLUTIONS - 2021

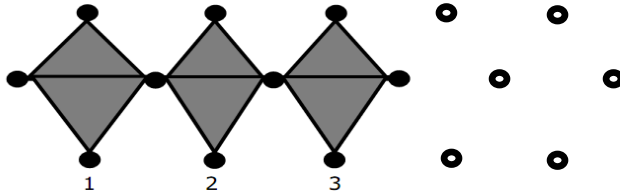
QUESTION 1

1. Which numbers would complete the number pattern given below?

3^{+5} , 8^{-3} , 5^{+5} , 10^{-3} , 7^{+5} , 12^{-3} , 9^{+5} , 14

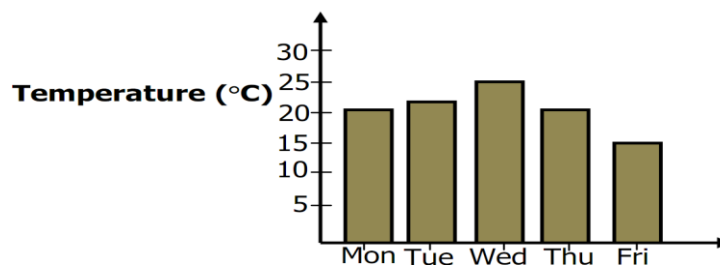
2. Using the pattern below, how many dots will make **5** diamonds?

ANS: **16 dots**



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.



1. Which is warmest day of the week?

Wednesday

2. Lowest temperature recorded in the week was?

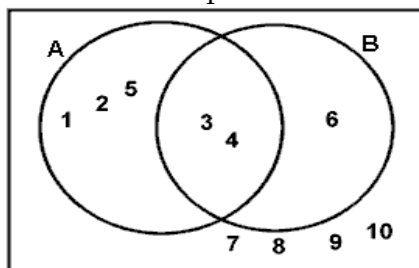
15°C

3. Which two days recorded the same temperature?

Monday and Thursday

QUESTION 3

Use the diagram given below and answer the questions

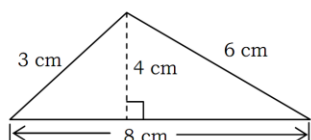


List:

1. $A \cap B$ = **{3,4}**
2. $A \cup B$ is = **{1,2,3,4,5,6}**
3. Elements of set A = **{1,2,3,4,5}**
4. Set B^c = **{1,2,5}**

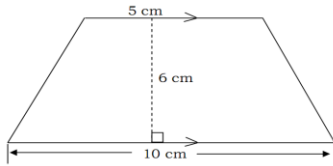
QUESTION 4

1. Work out the area of the triangle given below.



$$\begin{aligned}
 A_{\text{Triangle}} &= \frac{1}{2} \times b \times h \\
 &= \frac{1}{2} \times 8 \times 4 \\
 &= 4 \times 4 \\
 &= \mathbf{16\text{cm}^2}
 \end{aligned}$$

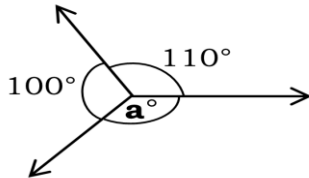
2. Work out the area of the trapezium given below.



$$\begin{aligned}
 A_{\text{Trapezium}} &= \frac{1}{2}(a+b)h \\
 &= \frac{1}{2}(5+10)6 \\
 &= \frac{1}{2} \times 15 \times 6 \\
 &= 15 \times 3 \\
 &= \underline{\underline{45\text{cm}^2}}
 \end{aligned}$$

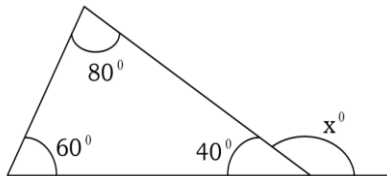
QUESTION 5

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



$$\begin{aligned}
 100^\circ + 110^\circ &= 210^\circ \\
 360^\circ - 210^\circ &= 150^\circ \\
 \mathbf{a} &= \underline{\underline{150^\circ}}
 \end{aligned}$$

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

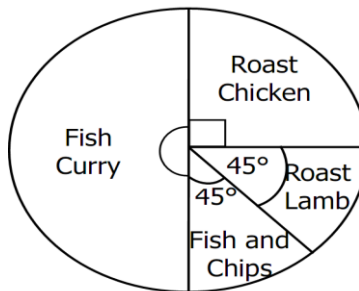


$$\begin{aligned}
 180^\circ - 40^\circ &= 120^\circ \\
 \mathbf{x} &= \underline{\underline{120^\circ}}
 \end{aligned}$$

QUESTION 6

Use the pie chart to answer the question below.

Favourite Food for Year 802



1. Most favourite food of the class is **Fish Curry**.
2. Which two food is liked by the same number of children?
Fish & Chips and Roast Lamb
3. If there are in total of 24 students in the class. How many students like **Roast Chicken**?

$$\begin{aligned}
 \frac{90}{360} \times 24 &= \frac{1}{4} \times 24 \\
 &= \underline{\underline{6 \text{ students}}}
 \end{aligned}$$

1076 NADI SANGAM SCHOOL

YEAR 8 – 2021

WEEKLY HOME STUDY PACKAGE 9 SOLUTION

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.

Fine got out of her seat when the teacher entered the classroom.

2. (Use Neithernor to join the sentence)

Gaurav didn't go to the movies.

Sishaant didn't go too.

Neither Gaurav nor Shishaant went to the movies.

3. Re -write in Reported Speech.

“Who stole the cookies from the jar, Mum,” asked Pita.

Pita asked Mum who had stolen the cookies from the jar.

4. Re -write in Direct Speech.

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

“I was admitted in the hospital for the past six months,” said the sick patient.

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

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

Whom did Shem talk to this morning?

**1076 NADI SANGAM SCHOOL
YEAR 8 WEEKLY HOME STUDY PACKAGE 9
SOCIAL SCIENCE SOLUTION, 2021**

FAMOUS PEOPLE

	<p>Albert Einstein (1879 – 1955)</p> <p>German scientist – theory of relativity</p>
	<p>Martin L. King (1929 – 1968)</p> <p>American Civil Rights campaigner.</p>
	<p>Queen Victoria (1819 – 1901)</p> <p>British Queen during the nineteenth century.</p>
	<p>Abraham Lincoln (1809 – 1865)</p> <p>US President during American civil war.</p>
	<p>Indira Gandhi (1917 – 1984)</p> <p>Third Prime Minister of India.</p>



Adolf Hitler (1889 – 1945)

Leader of Nazi, Germany (1935 – 1945)



Mother Teresa (1910 – 1997)

**Catholic missionary nun/
charity worker.**



Bill Gates ((1995 – Present)

**American businessman, founder
of Microsoft**



George Bush 1946 – Present

U.S President - (2000 – 2008)

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

1.
 - So that we don't feel lonely/ to share our feeling.
 - To increase our emotional well being
 - Create stability
 - Having someone to count on and trust in times of need and someone to talk to when we face challenges and friends (mates) take away loneliness and make us more happiness than stress in our life.
 - To be connected to friends, family, partners and others can clear your head and boost your mood.

2.
 - Trust helps to create a stronger bond that helps to overcome any and all differences in your relationship
 - To strengthen our relationship
 - To have believe/ to understand the person better/ to share secret.

3.
 - When one person dominates the relationship suffers and the risk of abuse rises. Power imbalances can damage intimate relationships overtime.
Inequality in a relationship refers to an imbalance of power between partners. In an unhealthy relationship one partner "maintains power and control over the other" if your partner needs dominate the relationship without much consideration for your own then relationship is unequal.

4.
 - Dishonesty/ unfairness/ poor communication/ controlling
 - Insecurity / humiliation behavior
 - Physical abuse
 - Betrayal/ possessiveness
 - Lack of trust.

5. White Blood Cells – a type of blood cells that is made in the bone marrow and found in the blood and lymph tissue, White blood cells are part of the body's immune system. They help the body fight infection and other diseases (They protect you against illness and disease)

1076 NADI SANGAM SCHOOL

YEAR 8 – 2021

WEEKLY HOME STUDY PACKAGE 9 SOLUTION

NA VEIKA VAKA VITI

A. VAKASAVUYA NA I TUKUTUKU

a) “ Ko cei na yaca ni vanua oqo? A taro ko Iliesa.

A taroga ko Iliesa se ko cei na yacani vanua koya.

b) “Dou muria yani na sala I vanua, tou qai laki sota ga mai batiniwai,”a kaya ko tinana.

A kaya ko tinana me ratou muri yanii n asal aki vanua ka me ratou qai laki sota ga yani e na batini wai.

c) “ E vinaka me buli me I liuliu ko Nawaikula,” a vakamamasu na lewe ni koro mai Ra.

E ra vakamamasu na lewe ni vinaka me buli ko Nawaikula me i liuliu.

d) “Dou lako tukuna me sa yacani gone ko Savenaca,” a kaya ko Biligi.

A kaya ko Biligi me ratou laki tukuna me yacani gone ko Savenaca .

AI KURI NI TARO

a. Na cava na I balebale ni luvani tawake.

E dau vakayacori na I tovo vakavanua oqo e na veivanuyanu. Na laca ni waqa e vaka e vakai sulutaki tu e na masi ka kainaki ni oya na I sulu ni turaga . Ni rad au raica na lewe ni vanua ni sa tadu yani e dau tukuni ni sa uru na laca se luva na masi ni turaga k adau qai cabo e dua na kaminaga me tukuni me sa luva na tawake se uruci sobu na laca masi ni turaga ka vodo tiko yani.

1076 NADI SANGAM SCHOOL
YEAR 8 HINDI WEEKLY HOME STUDY PACKAGE 9 SOLUTIONS-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. बढ़ाई 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 - सवाल / प्रश्न
२. पुत्र - पुत्री

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

१. राहुल हमेशा सुन्दर लिखता है ।
२. क्या आपको तैरना आता है ?