

Name: Hnuj Sapkota
Class: 8 Gr
Roll no: 6
Subject: Computer
Teacher: Surendra P. Tharu

Dashain Vacation Assignment - 2077

Subject: Computer

1. Make a list of 7 storage devices ^{and} write the types of memory - Primary / Secondary in tabular format.

→ Devices	Primary Memory	Secondary Memory
- DVD	—	✓
- Pen Drive	—	✓
- CD-Rom	—	✓
- SD card	—	✓
- RAM	✓	—
- ROM	✓	—
- Cache	✓	—

2.

Company	CEO	Photo
Google	Sundar Pichai	
Amazon ORACLE	Larry Ellison	
Microsoft	Satya Nadella	
Apple	Tim Cook	
Adobe	Shantanu Narayen	

Photos:



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PROJECT

WORK

ON

Optional

Mathematics

By: Anuj Sapkota
& G
Roll no: 6

To: Roshan Thapa
[Department
of
Maths]

- Derive the section formula of internal and external division.

Deriving the ^{internal} formula,

Let $A(x_1, y_1)$ and $B(x_2, y_2)$ be two points. Let $C(x, y)$ divide AB internally in the ratio $m_1 : m_2$.

i.e. $\frac{AC}{CB} = \frac{m_1}{m_2}$

- For AC :

Run ~~Start~~ = $AE = x - x_1$, ~~stop~~ Rise = $EC = y - y_1$

- For CB :

Run = $CD = x_2 - x$, Rise = $DB = y_2 - y$

Two triangles AEC and CDB can be shown similar.

$$\therefore \frac{AE}{CD} = \frac{AC}{CB} \Rightarrow \frac{x - x_1}{x_2 - x} = \frac{m_1}{m_2}$$

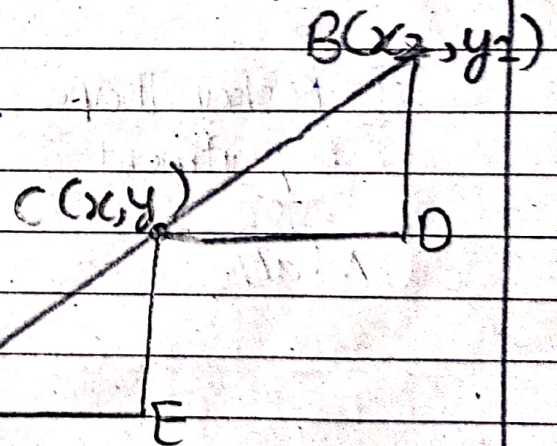
$$\text{or } m_2 x - m_2 x_1 = m_1 x_2 + m_2 x_1$$

$$\text{or } x(m_1 + m_2) = m_1 x_2 + m_2 x_1$$

$$\therefore x = \frac{m_1 x_2 + m_2 x_1}{m_1 + m_2}$$

$A(x_1, y_1)$

Similarly, we can show that



$$y = \frac{m_1 y_2 + m_2 y_1}{m_1 + m_2}$$

$$\therefore C(x, y) = \left(\frac{m_1 x_2 + m_2 x_1}{m_1 + m_2}, \frac{m_1 y_2 + m_2 y_1}{m_1 + m_2} \right)$$

Proved

- Deriving the external formula:

Let $A(x_1, y_1)$ and $B(x_2, y_2)$ be two points. Let $C(x, y)$ divide AB externally in ratio $m_1 : m_2$.

$$\text{i.e. } \frac{AC}{BC} = \frac{m_1}{m_2}$$

For AC :

$$\text{Run} = AD = x - x_1, \text{ Rise} = DC = y - y_1,$$

For BC :

$$\text{Run} = BE = x - x_2, \text{ Rise} = EC = y - y_2,$$

Two triangles ADC , BEC can be shown similar.

$$\therefore \frac{AD}{BE} = \frac{AC}{BC} \Rightarrow \frac{x - x_1}{x - x_2} = \frac{m_1}{m_2}$$

$$\text{or } m_1 x - m_1 x_2 = m_2 x - m_2 x_1$$

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$$\text{or, } x(m_1 - m_2) = m_1 x_2 - m_2 x_1$$

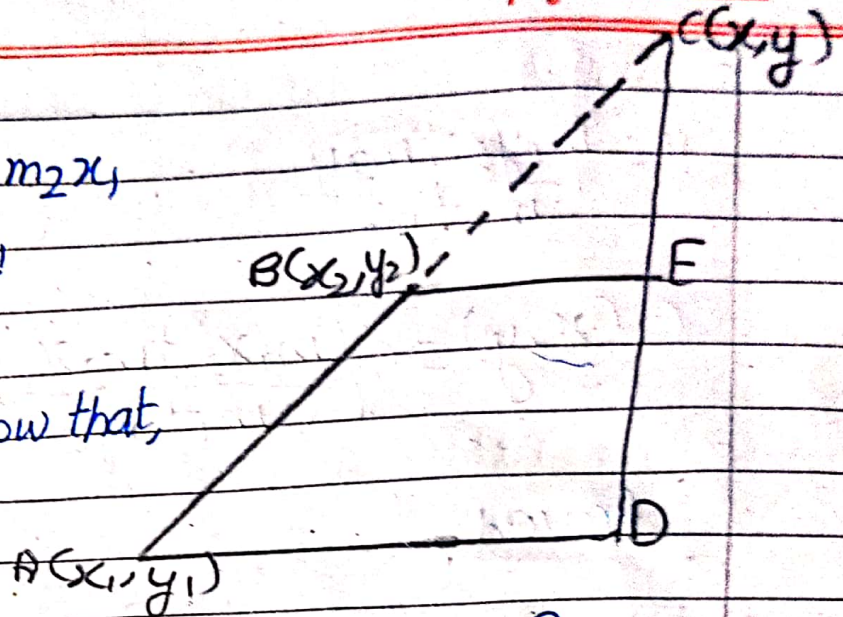
$$\therefore x = \frac{m_1 x_2 - m_2 x_1}{m_1 - m_2}$$

Similarly, we can show that,

$$y = \frac{m_1 y_2 - m_2 y_1}{m_1 - m_2}$$

$$\therefore C(x, y) = \left(\frac{m_1 x_2 - m_2 x_1}{m_1 - m_2}, \frac{m_1 y_2 - m_2 y_1}{m_1 - m_2} \right)$$

Proved



Name: Anuj Sapkota

Class: 8th Gr

Roll no: 6

Subject: Opt. Maths

Teacher: ~~Roshan~~ Roshan Thapa

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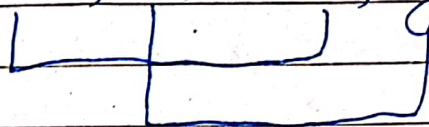
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Short Questions:

1(a) $\rightarrow$ Soln

Here,

$$(3x+2, -14) = (5, 3y+1)$$



From the above equation,

From x ,

$$3x+2=5$$

$$\text{or, } 3x=5-2$$

$$\text{or, } 3x=3$$

$$\text{or, } x=\frac{3}{3}$$

$$x=1$$

$$\therefore x=1$$

From y ,

$$-14=3y+1$$

$$\text{or, } -14-1=3y$$

$$\text{or, } -15=3y$$

$$\text{or, } y=\frac{-15}{3}$$

$$y=-5$$

1(b) $\rightarrow$ Soln Here,

$$A = \{2, 3\}$$

$$B = \{1, 4\}$$

Now,

$$\therefore A \times B = \{2, 3\} \times \{1, 4\} = \{(2, 1), (2, 4), (3, 1), (3, 4)\}$$

$$B \times A = \{1, 4\} \times \{2, 3\} = \{(1, 2), (1, 3), (4, 2), (4, 3)\}$$

$$2a) \rightarrow x(x^4 + y^2 + x^2y^3)$$

$$= x^5 + xy^2 + x^3y^3$$

- First term = degree = 5

- Second term = degree = 1 + 2 = 3

- Third term = degree = 3 + 3 = 6

$\therefore$ Degree = 6

2(b) $\rightarrow$ Soln

Here,

- $60^\circ \rightarrow$ grade,

$$1^\circ = \left(\frac{10}{9}\right)^g$$

$$\text{or, } 60^\circ = \left(\frac{10 \times 60}{9}\right)^g = 66.67^g$$

- $60^\circ \rightarrow$ radian,

$$1^\circ = \left(\frac{\pi}{180}\right)^c$$

$$\therefore 60^\circ = \left(\frac{\pi \times 60}{180}\right)^c = \left(\frac{\pi}{3}\right)^c$$

3(a) $\rightarrow$ Soln

Here,

$$\text{Let } A(a, 2) \text{ \& } B(2, -2) = 5$$

$$(a, 2) = (x_1, y_1)$$

$$(2, -2) = (x_2, y_2)$$

$$AB = 5$$

Now,

$$AB^2 = (x_2 - x_1)^2 + (y_2 - y_1)^2$$

$$\text{or, } 25 = (2 - a)^2 + (-2 - 2)^2$$

$$\text{or, } 25 = (2)^2 - 2 \cdot 2 \cdot a + (a)^2 + (-4)^2$$

$$\text{or, } 25 = 4 - 4a + a^2 + 16$$

$$\text{or, } 25 = -4a + a^2 + 20$$

$$\text{or, } 0 = a^2 - 4a + 20 - 25$$

$$\text{or, } 0 = a^2 - 4a - 5$$

$$\text{or, } a^2 - 4a - 5 = 0$$

$$\text{or, } a^2 - (5-1)a - 5 = 0$$

$$\text{or, } a^2 - 5a + a - 5 = 0$$

$$\text{or, } a(a-5) + 1(a-5) = 0$$

$$\text{or, } (a-5)(a+1) = 0$$

$$\text{Either, } a-5=0 \quad \therefore a=5$$

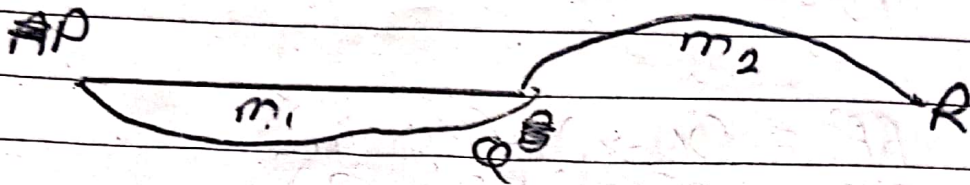
$$\text{Or, } a+1=0 \quad \therefore a=-1$$

3(b) $\rightarrow$ Soln Here,

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Let ~~the~~ Points are $P(x_1, y_1)$ and $Q(x_2, y_2)$ and $R(x, y)$
 Ratio = $2:3$
 $m_1:m_2$



Now,

$$R(x, y) = \left(\frac{m_1 x_2 - m_2 x_1}{m_1 - m_2}, \frac{m_1 y_2 - m_2 y_1}{m_1 - m_2} \right)$$

$$= \left(\frac{2x - 3 - 3 \times 2}{3 - 2}, \frac{2 \times 6 - 3 \times (-4)}{3 - 2} \right)$$

$$= \left(\frac{-6 - 6}{1}, \frac{12 + 12}{1} \right)$$

$$\therefore R(x, y) = (-12, 24)$$

4(a) $\rightarrow$ Solⁿ Here,

Let, Mid-point = $B(-2, 3)$

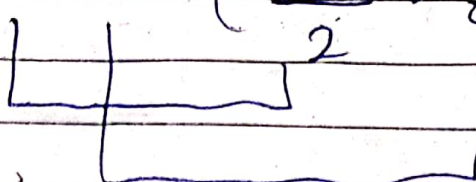
One end = $A(7, 5)$

Other end = $C(x, y)$

$A(7, 5)$ $B(-2, 3)$

$C(x, y)$

$$B(-2, 3) = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

$$\text{or, } B(-2, 3) = \left(\frac{x+7}{2}, \frac{y+5}{2} \right)$$


From the above equation,

$$\frac{x+7}{2} = -2$$

$$\frac{y+5}{2} = 3$$

$$\text{or, } x+7 = -2 \times 2$$

$$\text{or, } y+5 = 3 \times 2$$

$$\text{or, } x+7 = -4$$

$$\text{or, } y+5 = 6$$

$$\text{or, } x = -4 - 7$$

$$\text{or, } y = 6 - 5$$

$$\therefore x = -11$$

$$\therefore y = 1$$

$$\therefore C(x, y) = C(-11, 1)$$

b) $\rightarrow$ Soln

Here,

$$\frac{4\pi^c}{5} \rightarrow \text{grade,}$$

$$1^c = \left(\frac{200}{\pi} \right)^9$$

$$\text{or, } \frac{4\pi^c}{5} = \left(\frac{200 \times 4\pi}{\pi \times 5} \right)^9 = 160^\circ$$

Long Questions:5. $\rightarrow$ Solⁿ

Here,

$$f(x) = x^2$$

So,

$$= f(a+h) = f(x) = \cancel{f}(a+h)^2$$

$$= a^2 + 2ah + h^2$$

$$= f(a) = f(x) = a^2$$

Now,

$$= \frac{f(a+h) - f(a)}{h}$$

$$= \frac{a^2 + 2ah + h^2 - a^2}{h}$$

$$= \frac{h(2a+h)}{h}$$

$$= 2a+h$$

6) $\rightarrow$ Solⁿ

Here,

$$p(x) = x^2 + x - 7$$

$$q(x) = 2x + 3$$

$$r(x) = x^3 - x + 3$$

We know,

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$$\begin{aligned}
 &= p(x) \cdot q(x) - q(x) \cdot r(x) \\
 &= (x^2 + x - 7)(2x + 3) - (2x + 3)(x^3 - x + 3) \\
 &= x^2(2x + 3) + x(2x + 3) - 7(2x + 3) - 2x(x^3 - x + 3) \\
 &\quad x^3 - x + 3 \\
 &= 2x^3 + 3x^2 + 2x^2 + 3x - 14x - 21 - 2x(x^3 - x + 3) \\
 &\quad - 3(x^3 - x + 3) \\
 &= 2x^3 + 5x^2 - 11x - 21 - 2x^4 + 2x^2 - 6x - 3x^2 \\
 &\quad + 3x - 9 \\
 &= -2x^4 + 2x^3 - 3x^2 + 5x^2 + 2x^2 - 11x - 6x + 3x - 21 - 9 \\
 &= -2x^4 + 2x^3 + 4x^2 - 14x - 30
 \end{aligned}$$

7) $\rightarrow$ Solⁿ

Here,

Let the points be $A(5, 4)$, $B(5, -3)$, $C(0, -3)$
 and $D(0, 4)$.

Now,

$$\begin{aligned}
 - AB^2 &= (5-5)^2 + (-3-4)^2 \\
 &= (0)^2 + (-7)^2 \\
 &= 0 + 49
 \end{aligned}$$

$$\therefore AB = \sqrt{49} = 7 \text{ units}$$

$$\begin{aligned}
 - BC^2 &= (0-5)^2 + (-3+3)^2 \\
 &= (-5)^2 + (0)^2 \\
 &= 25 + 0
 \end{aligned}$$

$$\therefore BC = \sqrt{25} = 5 \text{ units}$$

$$\begin{aligned} -CD^2 &= (0-0)^2 + (4+3)^2 \\ &= (0)^2 + (7)^2 \\ &= 0 + 49 \end{aligned}$$

$$\therefore CD = \sqrt{49} = 7 \text{ units}$$

$$\begin{aligned} -AD^2 &= (0-5)^2 + (4-4)^2 \\ &= (-5)^2 + (0)^2 \\ &= 25 + 0 \end{aligned}$$

$$\therefore AD = \sqrt{25} = 5 \text{ units}$$

Since,

$$AB = CD = 7, BC = AD = 5$$

And,

$$\begin{aligned} BD^2 &= (0-5)^2 + (4+3)^2 \\ &= (-5)^2 + (7)^2 \\ &= 25 + 49 \\ &= 74 \end{aligned}$$

So,

$$H^2 = P^2 + B^2$$

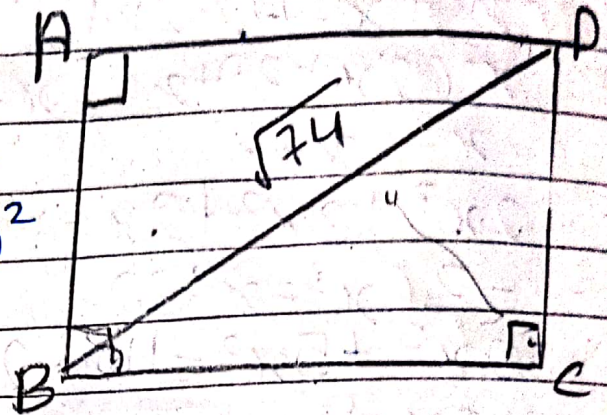
$$\text{or, } (\sqrt{74})^2 = (5)^2 + (7)^2$$

$$\text{or, } 74 = 25 + 49$$

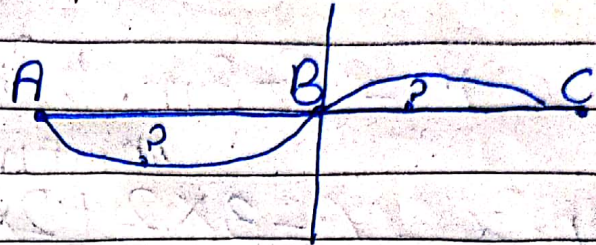
$$\therefore 74 = 74$$

$\therefore A, B, C$ and D are the vertices of a rectangle.

8. $\rightarrow$ Solⁿ
Here,



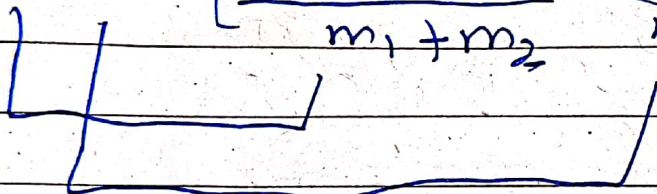
Let the points be $A(2, -4)$, $C(-3, 6)$
and $B(x, 0)$
Ratio $= m_1 : m_2$



$$(x, 0) = \left(\frac{m_1 x_2 + m_2 x_1}{m_1 + m_2}, \frac{m_1 y_2 + m_2 y_1}{m_1 + m_2} \right)$$

$$(x, 0) = \left(\frac{m_1 (-3) + m_2 (2)}{m_1 + m_2}, \frac{m_1 (6) + m_2 (-4)}{m_1 + m_2} \right)$$

$$(x, 0) = \left(\frac{-3m_1 + 2m_2}{m_1 + m_2}, \frac{6m_1 - 4m_2}{m_1 + m_2} \right)$$



From the above equation,

$$0 = \frac{6m_1 - 4m_2}{m_1 + m_2}$$

or, $0 = 6m_1 - 4m_2$

or, $4m_2 = 6m_1$

or, $\frac{m_1}{m_2} = \frac{6}{4} = \frac{3}{2}$

∴ $m_1 : m_2 = 2 : 3$

From the equation,

$$x = \left(\frac{-3m_1 + 2m_2}{m_1 + m_2} \right)$$

$$\text{or, } x = \left(\frac{-3 \times 2 + 2 \times 3}{2 + 3} \right)$$

$$\text{or, } x = \left(\frac{-6 + 6}{5} \right)$$

$$\text{or, } x = \left(\frac{0}{5} \right)$$

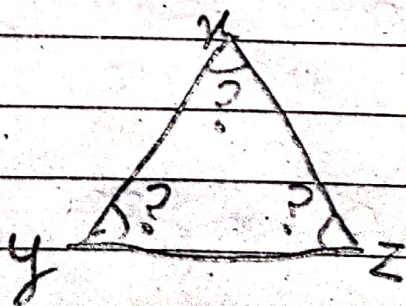
$$\therefore x = 0$$

$$\therefore B = (0, 0)$$

9) $\rightarrow$ Soln

Here,

Let the points be x, y and z .



$$x + y = 135^\circ \text{ or } 150^\circ$$

$$x - y = 63^\circ \text{ or } 70^\circ$$

Now,

$$\begin{aligned}x + y &= 150^\circ \\x - y &= 70^\circ\end{aligned}$$

So,

$$x = 150^\circ - y \quad \text{①}$$

$$- \quad x - y = 70^\circ$$

$$\text{or, } 150^\circ - y - y = 70^\circ$$

$$\text{or, } 150^\circ - 70^\circ = +2y$$

$$\text{or, } 80^\circ = 2y$$

$$\text{or, } y = \frac{80^\circ}{2}$$

$$\therefore y = 40^\circ$$

$$- \quad x + 40^\circ = 150^\circ$$

$$\text{or, } x = 150^\circ - 40^\circ$$

$$\therefore x = 110^\circ$$

Find third angle,

$$x + y + z = 200^\circ$$

$$\text{or, } 110^\circ + 40^\circ + z = 200^\circ$$

$$\text{or, } 150^\circ + z = 200^\circ$$

$$\text{or, } z = 200^\circ - 150^\circ$$

$$\therefore z = 50^\circ$$

10) $\rightarrow$ Soln

Here
distance between $A(3, -6)$ and $B(3, y) = 6$ units.

$$AB^2 = (3-3)^2 + (y-(-6))^2$$

$$\text{or } 36 = (0)^2 + y^2 + 2 \cdot y \cdot 6 + 36$$

$$\text{or } 36 = 0 + y^2 + 12y + 36$$

$$\text{or } 36 - 36 - 0 = y^2 + 12y$$

$$AB^2 = (3-3)^2 + (y+6)^2$$

$$\text{or } 36 = (0)^2 + y^2 + 2 \cdot y \cdot 6 + 36$$

$$\text{or } 36 = 0 + y^2 + 12y + 36$$

$$\text{or } 0 = 0 + y^2 + 12y + 36 - 36$$

$$\text{or } 0 = y^2 + 12y + 0$$

$$\text{or } 0 = y^2 + 12y$$

$$\text{or } 0 = y^2 + 12y$$

$$\text{or } y(y+12) = 0$$

$$\text{Either } \therefore y = 0$$

$$\text{Or, } y + 12 = 0 \therefore y = -12$$

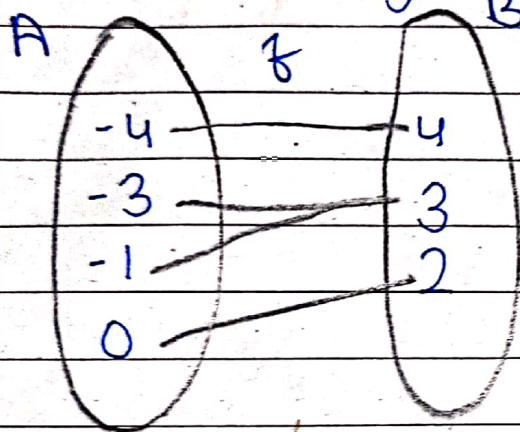
17) $\rightarrow$ Soln

Here,

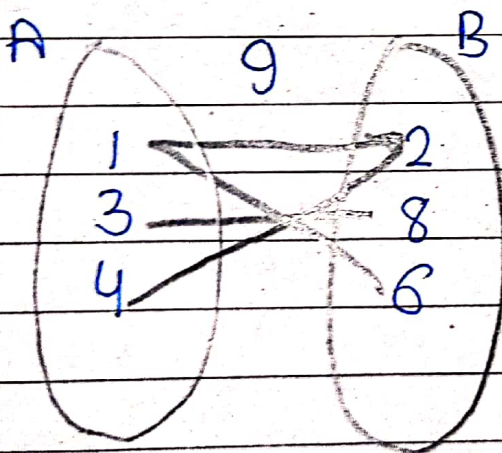
$$f: \{(-4, 4), (-3, 3), (-1, 3), (0, 2)\}$$

$$g: \{(1, 2), (3, 8), (4, 2), (1, 6)\}$$

In mapping diagram,



∴ It is a function because A has a unique relation with B.



∴ It is not a function because A does not have a unique relation with B.

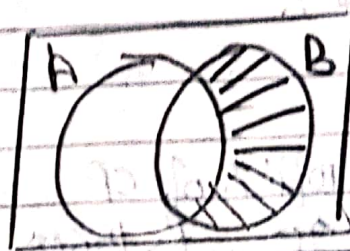
Name: Hnuj Sapkota
 Class: 8th GT
 Roll no: 6
 Subject: Mathematics
 Teacher: Aakash Thapa

Dashain Vacation Assignment- Grade-8

Mathematics

Group A

1) $\rightarrow$ (Figure not given)

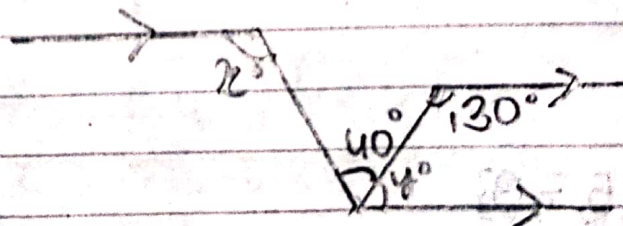


2) $\rightarrow \bar{B}$

3) $(4x^2 - 9z^2)$ question wrong
 $\rightarrow 4x^2 - 9z^2$
 $\rightarrow (2x)^2 - (3z)^2$
 $\rightarrow (2x+3z)(2x-3z)$

Group B

1. $\rightarrow$ Solⁿ
 Here,



$\therefore x = 40^\circ$ [alternate angles]
 ① $y^\circ + 130^\circ = 180^\circ$ [co-interior angle]
 or, $y^\circ = 180^\circ - 130^\circ$
 $\therefore y^\circ = 50^\circ$

$$\therefore x^\circ = 40^\circ + y^\circ = (40 + 50)^\circ = 90^\circ \text{ [}\therefore \text{alternate angles]}$$

2. $\rightarrow$ Soln
Here,

$$CP = \text{Rs. } 1560$$

$$\text{Profit\%} = 20\%$$

$$SP = ?$$

We know,

$$\begin{aligned} \text{Profit} &= \text{Profit\% of CP} \\ &= \frac{20}{100} \times \text{Rs. } 1560 \\ &= \text{Rs. } 312 \end{aligned}$$

Now,

$$\begin{aligned} SP &= CP + \text{profit} \\ &= \text{Rs. } (1560 + 312) \end{aligned}$$

$$\therefore \underline{SP = \text{Rs. } 1872}$$

3. $\rightarrow$ Soln
Here,

$$P = \{1, 3, 5, 7, 9\}$$

$$Q = \{2, 3, 5, 7, 11, 13, 17, 19\}$$

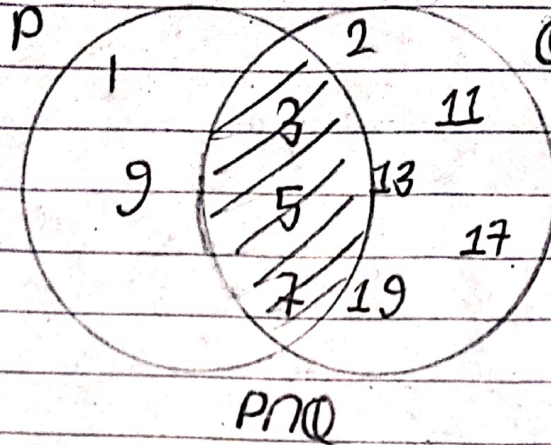
$$P \cap Q = ?$$

Now,

$$P \cap Q = \{1, 3, 5, 7, 9\} \cap \{2, 3, 5, 7, 11, 13, 17, 19\}$$

$$= \{3, 5, 7\}$$

In venn-diagram,



4. → Soln,

Here,

$$U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$A = \{1, 2, 3, 4, 5\}$$

$$B = \{4, 5, 6, 7\}$$

$$A - (\overline{A \cap B}) = ?$$

We have,

$$\textcircled{i} A \cap B = \{1, 2, 3, 4, 5\} \cap \{4, 5, 6, 7\} \\ = \{4, 5\}$$

$$\textcircled{ii} (\overline{A \cap B}) = U - A \cap B \\ = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\} - \{4, 5\} \\ = \{1, 2, 3, 6, 7, 8, 9, 10\}$$

Now,

$$\textcircled{iii} A - (\overline{A \cap B}) = \{1, 2, 3, 4, 5\} - \{1, 2, 3, 6, 7, 8, 9, 10\} \\ = \{4, 5\}$$

5.

$$\rightarrow 12 - [15 - 3\{8 - 3 \div (6 - 3)\}]$$

$$\rightarrow 12 - [15 - 3\{8 - 3 \div 3\}]$$

$$\rightarrow 12 - [15 - 3\{8 - 1\}]$$

$$\rightarrow 12 - [15 - 3 \times 7]$$

$$\rightarrow 12 - [15 - 21]$$

$$\rightarrow 12 - [-6]$$

$$\rightarrow 12 + 6$$

$$\rightarrow 18 //$$

6.

$$\rightarrow a^4 + a^2 + 1$$

$$\rightarrow (a^2)^2 + 2a^2 \cdot 1 + 1^2 - a^2$$

$$\rightarrow (a^2 + 1)^2 - (a)^2$$

$$\rightarrow (a^2 + 1 + a)(a^2 + 1 - a)$$

$$\rightarrow (a^2 + a + 1)(a^2 - a + 1)$$

7.

$$\rightarrow x^2 - \frac{1}{9y^2}$$

$$\rightarrow (x)^2 - \left(\frac{1}{3y}\right)^2$$

$$\rightarrow \left(x + \frac{1}{3y}\right)\left(x - \frac{1}{3y}\right)$$

8. $\rightarrow$ Soln,

Here,

$$R = 8\%$$

$$I = \text{Rs. } 1000$$

$$T = 6 \text{ months} = \frac{1}{2} \text{ years} = \frac{1}{2} \text{ or } 0.5 \text{ years}$$

$$P = ?$$

We have,

$$P = \frac{I \times 100}{T \times R}$$

$$P = \frac{\text{Rs. } 1000 \times 100 \times 1}{2 \times 8}$$

$$= \frac{\text{Rs. } 100000}{16}$$

$$\therefore P = \text{Rs. } 6250$$

9. $\rightarrow$ Soln, Here,

$$CP = \text{Rs. } 8000$$

$$\text{On Repairing} = \text{Rs. } 400$$

$$\begin{aligned} \text{Total CP} &= CP + \text{On Repairing} \\ &= \text{Rs. } (8000 + 400) \\ &= \text{Rs. } 8400 \end{aligned}$$

$$SP = \text{Rs. } 7896$$

We have,

$$\text{Loss} = CP - SP = \text{Rs. } (8400 - 7896) = \text{Rs. } 504$$

Now,

$$\begin{aligned}\text{Loss\%} &= \frac{\text{CP} - \text{Loss}}{\text{CP}} \times 100\% \\ &= \frac{504}{8400} \times 100\% \\ &= 6\%\end{aligned}$$

• Actual Loss = Rs. 504

• Loss% = 6%

Group C

1. $\Rightarrow$ Soln, Here,

$n(T)$ Total students = 30

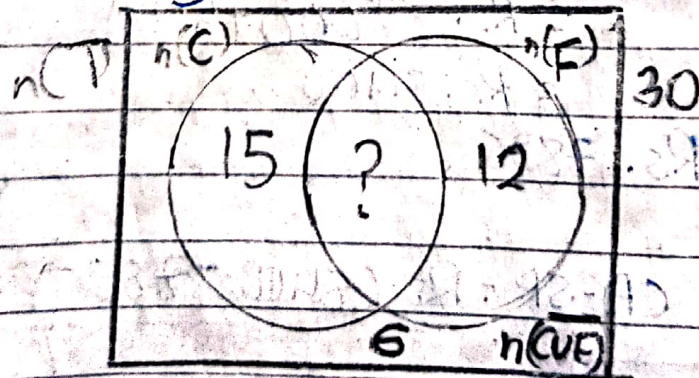
$n(C)$ Like to play cricket = 15

$n(F)$ Like to play football = 12

$n(\overline{C \cup F})$ ~~$n(D)$~~ Do not like to play any game = 6

We have,

① In venn diagram



$$\textcircled{11} \rightarrow n(C) = 15, n(F) = 12, n(T) = 30, n(\overline{C \cup F}) = 6$$

$$n(C \cap F) = ?$$

Now,

$$\begin{aligned} n(C \cup F) &= n(T) - n(\overline{C \cup F}) \\ &= 30 - 6 \\ &= 24 \end{aligned}$$

So,

$$\begin{aligned} n(C \cap F) &= n(C) + n(F) - n(C \cup F) \\ &= 15 + 12 - 24 \\ &= 27 - 24 \end{aligned}$$

$$n(C \cap F) = 3$$

2.

$\rightarrow$ Soln

Here, ~~Let U be total students,~~

~~Let $n(U) = 300$~~

~~Let U, E & M be the students who~~

Let U, E and M be the total students, students who passed in English and Maths respectively

We have,

Turning Eng% to $n(E)$,

$$n(E) = \frac{92}{100} \times 300 = 276$$

Turning Maths% to $n(M)$

$$n(M) = \frac{88}{100} \times 300 = 264$$

$$n(E \cap M) = \frac{85}{100} \times 300 = 255$$

Now,

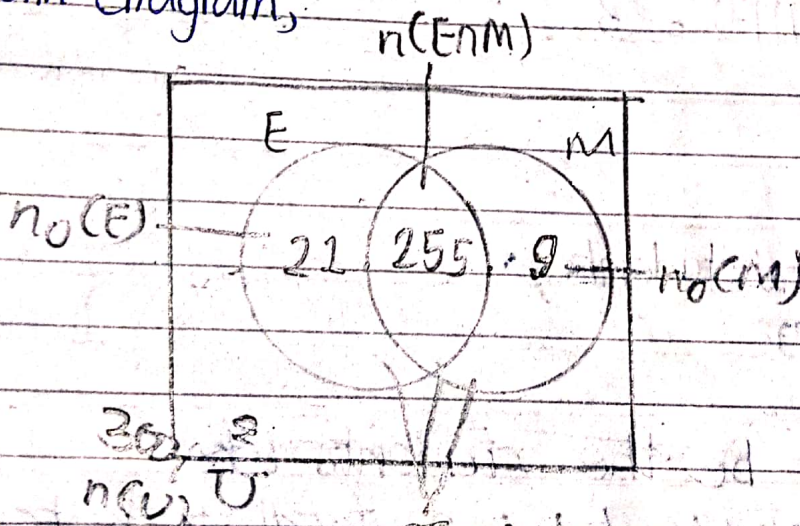
$$\begin{aligned} \text{(i)} \quad n(E \cup M) &= n(E) + n(M) - n(E \cap M) \\ &= 276 + 264 - 255 \\ &= 285 \end{aligned}$$

$$\text{(ii)} \quad n_0(M) = n(M) - n(E \cap M) = 264 - 255 = 9$$

$$\text{(iii)} \quad n_0(E) = n(E) - n(E \cap M) = 276 - 255 = 21$$

iv

In venn-diagram,



Group C

3. → Solⁿ
Here,

discount % = 20%.

VAT % = 13%

SP with VAT = Rs. 45,550

We know, [Let SP be x]

$$\textcircled{1} \text{ SP without VAT} = x + \frac{13}{100} \times x$$

$$\text{or, Rs. 45,550} = x + \frac{13x}{100}$$

$$\text{or, } \frac{x}{1} + \frac{13x}{100} = \text{Rs. 45,550}$$

$$\text{or, } \frac{100x + 13x}{100} = \text{Rs. 45,550}$$

$$\text{or, } \frac{113x}{100} = \text{Rs. 45,550}$$

$$\text{or, } x = \frac{\text{Rs. 45,550} \times 100}{113}$$

$$\therefore x = 40309.7$$

Now,

⇒ ~~ii~~ Let MP be x .

~~discount = discount % of MP~~
~~= 20~~

$$\text{MP} = \text{SP} + \text{discount \% of MP}$$

$$\text{or, } x = 45550 + \frac{20}{100} \times x$$

Let MP be x .

$$MP = SP + d$$

$$\text{or, } x = 40309.7 + \frac{20}{5} \times x$$

$$\text{or, } \frac{x - x}{1 - 5} = 40309.7$$

$$\text{or, } \frac{5x - x}{5} = 40309.7$$

$$\text{or, } \frac{4x}{5} = 40309.7$$

$$\text{or, } x = \frac{40309.7 \times 5}{4}$$

$$\therefore x = \text{Rs. } 50307.125$$

$$\therefore \text{MP is } \underline{\text{Rs. } 50307.125}$$

u. $\rightarrow$ Soln Here,

$$MP = \text{Rs. } 10,000$$

$$\text{discount} = 20\%$$

$$VAT = 13\%$$

$$SP = ?$$

We have,

$$\begin{aligned} \textcircled{i} \text{ SP discount} &= \text{discount\% of MP} \\ &= \frac{20}{100} \times \text{Rs. } 10,000 \\ &= \text{Rs. } 2,000 \end{aligned}$$

$$\textcircled{ii} SP = MP - \text{discount} = \text{Rs. } (10,000 - 2,000) = \text{Rs. } 8,000$$

$$\begin{aligned} \textcircled{iii} VAT &= \text{VAT\% of SP} \\ &= \frac{13}{100} \times \text{Rs. } 8,000 \\ &= \text{Rs. } 1,040 \end{aligned}$$

Now,

$$\begin{aligned} \text{SP with VAT} &= SP + VAT \\ &= \text{Rs. } (2,000 + 1,040) \end{aligned}$$

$$\therefore \text{Total SP} = \text{Rs. } 3,040$$

5. $\rightarrow$ Soln
Here,

$$\text{CP of SP of 50m} = \text{Rs. } 5,640$$

$$\text{Profit} = 20\%$$

We have,

$$SP = 100 + P\% \text{ of CP}$$

$$\text{or, Rs. } 5640 = \frac{100+20}{5+100} \times \text{CP}$$

$$\text{or, Rs. } 5640 = (100+20) \% \text{ of CP}$$

$$\text{or, Rs. } 5640 = \frac{6+20}{5+100} \times \text{CP}$$

$$\text{or, Rs. } 5640 \times 5 = \text{CP}$$

$$\text{or, CP} = \frac{\text{Rs. } 5640 \times 5}{6}$$

$$\therefore \text{CP} = \text{Rs. } 4700$$

$$\textcircled{\text{ii}} \text{ CP of 50m} = \text{Rs. } 4700$$

$$\text{CP of 1m} = \frac{\text{Rs. } 4700}{50}$$

$$\therefore \text{CP of 1m} = 94 \text{ Rs.}$$

6. $\rightarrow$ Soln

Here,

$$\text{Amount (A)} = \text{Rs. } 6310$$

$$\text{Time (T)} = 5 \text{ y } 6 \text{ m} = \left(5 + \frac{6}{12} \right) \text{ y} = \frac{5}{2} \text{ years}$$

$$\text{Rate (R)} = 10 \frac{1}{2} \% = \frac{21}{2} \%$$

We have know,

$$A = P + I$$

~~or, $x^3 + \frac{1}{x^3} + 3xy(x+y)$~~

$$\text{or, } x^3 + \frac{1}{x^3} + 3 \cdot x \cdot \frac{1}{x} \left(\frac{x+1}{x} \right) = 216$$

$$\text{or, } x^3 + \frac{1}{x^3} + 3 \times 6 = 216$$

$$\text{or, } x^3 + \frac{1}{x^3} + 18 = 216$$

$$\text{or, } x^3 + \frac{1}{x^3} = 216 - 18$$

$$\therefore x^3 + \frac{1}{x^3} = 198$$

11. $\rightarrow$ Soln

here,

$$\begin{aligned} \text{1st term} &= x^3 - 4x \\ &= x(x^2 - 4) \\ &= x\{(x)^2 - (2)^2\} \\ &= x(x+2)(x-2) \end{aligned}$$

$$\begin{aligned} \text{2nd term} &= 3x^2 - 8x + 4 \\ &= 3x^2 - (6+2)x + 4 \\ &= 3x^2 - 6x - 2x + 4 \\ &= 3x(x-2) - 2(x-2) \\ &= (x-2)(3x-2) \end{aligned}$$

$$\begin{aligned} \text{3rd term} &= x^2 + x - 6 \\ &= x^2 + (3-2)x - 6 \end{aligned}$$

$$\begin{aligned}
 &= x^2 - 3x + 2x - 6 \\
 &= x(x-3) + 2(x-3) \\
 &= (x-3)(x+2)
 \end{aligned}$$

$$\begin{aligned}
 \therefore \text{LCM} &= (x-2) \times (x+2) \times x \times (3x-2) \times (x-3) \\
 &= x(x+2)(x-2)(x-3)(3x-2)
 \end{aligned}$$

12. $\rightarrow$ Solⁿ,

Here,

$$\begin{aligned}
 \text{1st term} &= x^3 - 9x \\
 &= x(x^2 - 9) \\
 &= x\{x^2 - (3)^2\} \\
 &= x(x+3)(x-3)
 \end{aligned}$$

$$\begin{aligned}
 \text{2nd term} &= x^2 - 6x + 9 \\
 &= x^2 - (3+3)x + 9 \\
 &= x^2 - 3x - 3x + 9 \\
 &= x^2(x-3) - 3(x-3) \\
 &= (x-3)(x-3) \\
 &= (x-3)^2
 \end{aligned}$$

$$\begin{aligned}
 \text{3rd term} &= (x-3)^2 \\
 &= (x-3)(x-3)
 \end{aligned}$$

$$\begin{aligned}
 \therefore \text{LCM} &= (x-3) \times x(x+3) \\
 &= x(x+3)(x-3)
 \end{aligned}$$

PROJECT

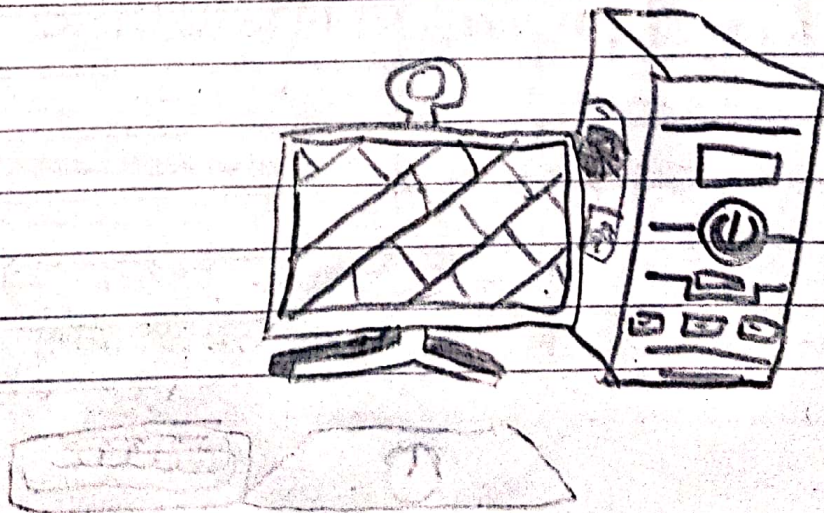
Work

On

COMPUTER

By: Anuj Sapkota
8th Gr
Roll no: 6

To: Surendra P. Tharu
[Department of
Computer]



#	Area	Website Address	Purpose of Website
-	Education	- www.kullabs.com	- To provide e-learning solutions for Schools and Colleges.
		- www.khullakitab.com	- To give notes and solutions
		- www.brainly.in	- To help students to ask with experts or other students
-	Business	- www.allbusiness.com	- to help entrepreneurs grow business.
		- www.businessinsider.com	- It provides news on business.
		- www.cnbc.com	- It is a To provide actionable information on business
-	Leisure	- www.itch.io	- To provide game developers a platform to share their games.
		- www.youtube.com	- To provide everyone a voice to show in the world.
		- www.code.org	- To provide opportunity to everyone to go in computer science

→ There are many gadgets which have caused worldwide change in last ~~five years~~ decade. Social media is one of

~~Artificially intelligent robots are most innovative~~
One of them, is google assistant. Before, people had to open the phone and tap on google app and search. But, now people can say 'OK google'. Then, google assistant responds and we can ask it to search. Another gadget in our list is, smart watch. Before people had to check their health heart rate, bp meter, etc. in health care centers. But now, they can swipe their smart watches and see all about their health. Next is, Ipad. Apple made this innovative gadget in 2010 which works like a phone but looks a little big from phone. Next is, Wireless head phones. People had to make/untie the wires of earphones and headphones before. But now, people can easily use them without wire. Last but not the least is, automatic/self driving and electrical cars. Before people had to keep petrol in the car which depleted the environment. but now there are electrical cars which take a little bit time of charge and do not deplete the environment.

Name: Anuj Sapkota
Class: 8th
Roll no: 6
Subject: HPE
Subject Teacher: Pujakc

Dashain Vacation Assignment Grade: 8

1. Complete all the exercise work from the topic "Physical Exercise."

Exercise

1. MCQ's

- a) Before performing any kind of physical exercise we need to do warm-up exercise.
- | | | | |
|-----------------------|-----------------------|----------------------|----------------------------------|
| i) cool-down exercise | ☐ | ii) warm-up exercise | ☒ |
| iii) running | ☐ | iv) jumping | ☐ |
- b) Exercise of knees should be done before playing all.
- | | | | |
|-----------------|-----------------------|----------------|----------------------------------|
| i) football | ☐ | ii) basketball | ☐ |
| iii) volleyball | ☐ | iv) all | ☒ |
- c) Exercise of waist reduces : backpain and strain of waist.
- | | | | |
|---------------|----------------------------------|---------------------|----------------------------------|
| i) backpain | ☒ | ii) strain of waist | ☒ |
| iii) headache | ☐ | iv) all | ☐ |

2. Answer the following questions:

- a) What is physical exercise?

→ Physical Exercise is the activity which involves the proper movement of body parts.

b) List out the importance of warm up exercises.

- It makes our body flexible
- It prevents us ^{from injuries} during games.

c) Write down the process of the exercise of knee.

→ First light jogging should be done. After that, left right leg should be lifted up to the hip with leg on ground. Then, left leg should be lifted up to the hip with right leg on ground. After that, right leg should be ~~exte~~ kept in front of left leg and left leg should be extended back. This activity should be repeated for both legs.

d) Why should we perform exercise of waist before playing game?

→ We should perform exercise of waist before playing game because it reduces back pain and strain of waist while playing game.

e) Write down the exercise of shoulder and backbone.

- In exercise of shoulder, we should push a wall with ~~two~~ ~~mat~~ hands making V-shape both hands. Then we should make V-shape with hands and left hand should be pulled by right hand. This should be repeated for both hands.
- In exercise of backbone, we should stand at ease and then bend forward and try to touch the left toe with right hand and left hand raised. It should be repeated for both toes. Then, we should bend the body backwards and then stand straight.

7) How can you perform the warmup exercise of arm and chest?

- We can perform the warmup exercise of arm and chest by standing in a line and pulling each others hand. Then, we should bend our right hand from elbow and rest on back of the head. Then, left hand should be placed above the right elbow by bending above the head. The right elbow should be pushed downward by left hand. It should be ~~repe~~ repeated for both hands.

3. Fill in the blanks;

- 1) Regular exercise helps to keep healthy.
 - 2) Warm-up exercise makes the body flexible.
 - 3) We need to exercise our shoulder before playing volleyball.
 - 4) Exercise of knees should be done before playing football.
-

4. Write true or false:

- 1) The exercise of waist is not necessary.
→ false
 - 2) The exercise of backbone helps to reduce back pain.
→ true
 - 3) The exercise of shoulder can be done giving V-shape.
→ true
 - 4) The exercise of arms is not necessary.
→ false
-

To: Arjun Chhetri
Department of
Social Studies.

Project Work ON SOCIAL STUDIES

By: Anuj Sapkota
8th Gr
Roll no: 6

2.)

→ The eight ^{deal} points given by government to Dr. Gorinda KC on ~~the~~ 27th day of his hunger strike is;

- To speed up the construction of Ram Raja Prasad Singh Academy of Health Sciences in Saptari.
- To start the construction of government medical colleges in either doti or dadeldhura or udayapur or illam within this year.
- To boost up the construction of infrastructure of government medical college in Bardibas.
- To start the medical education in Greta Medical college in Kailali.
- To start MBBS and other courses at Karnali Academy of Health Sciences.
- To allocate adequate budget for Bayalpatha Hospital to help it provide free treatment.
- To increase the capacity of government hospitals for treatment of covid-19 and other diseases.
- To prepare a draft bill and umbrella bill on medical education academies.

Source: KATHMANDU
POST

Dr. Govinda KC is a nepali ^{senior} orthopedic surgeon and a philanthropist. He is known for his non-violent protests and fasts which have changed the health sector of Nepal. He was born in 25 March 1957 at Ramechhap, Nepal. He has done 19 ~~a~~ fast unto death. ~~He lives in the hospital~~ He doesn't take fast for himself but for the prosperity of our nation. For eg; he takes fast to end corruption in Nepal. He takes fast to start medical ~~ad~~ academies in the rural districts of Nepal, too.

Name: Anuj Sapkota
Class: 8th Gr
Roll no: 6
Subject: Social Studies
Subject: Arjun Chettri
Teacher: Arjun Chettri

Dashain Vacation Assignment Grade-8

1.

→

Despite the continuous efforts of human right activists, government and non-government bodies against social violence, number of rape cases are increasing every year in our country because there are many people who support these illegal (anti-social) activities due to which the innocent people are trapped. Many people try very hard to stop these things but due to unstrict laws and ~~the~~ ignorance of some people, these things occur. For eg: 18 98% of people are fighting against illegal activities but due to 2% people's ignorance, these activities happen many times every year.

→

It can be stopped by:

- Awaring people about these things.
- Government should award the people who tell them about illegal activities going on.
- Never talking to strangers and locking the door at home.
- If anyone is suspected, tell to police about him/her.

PROJECT

Work

On

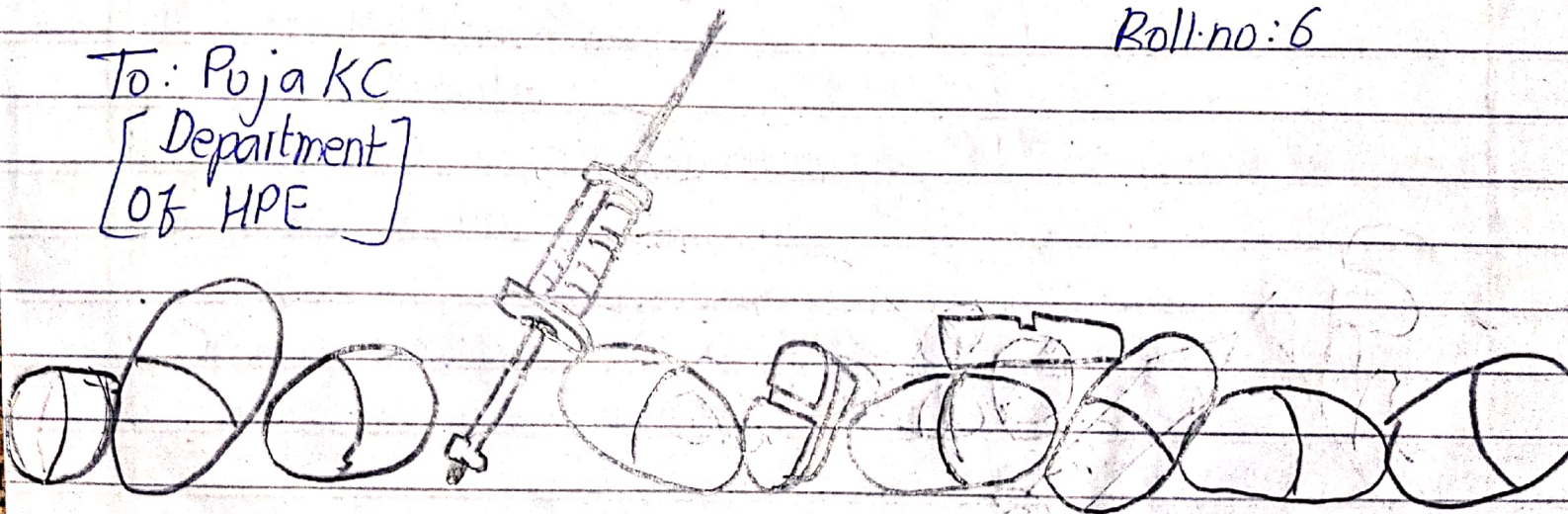
HPE.

Topic: Drug abuse

By: Anuj Sapkota
8 Gr

Roll no: 6

To: Pooja KC
[Department]
[of HPE]



Drug Abuse

Drugs are the chemical substances which distort reality and adversely effect the functions especially of nerves, spinal cord and brain. In other words, drugs are the chemical substances which directly harm the nervous system and brain.

Drug abuse is the self administration of ~~drug~~ medicine without the doctors' prescription. Drug addict is the person who takes drugs regularly. And, the habit of taking drugs regularly for pleasure and excitement is called as drug addiction.

There are many causes of drug abuse. Some of them are:

- Lack of will power.

- Peer pressure.

- Bad company.

- Peer pressure.

- Taking drugs in the name of god.

- Modernization

- Curiosity

- As a mode to drive away tension, discomfort and frustration.

Drugs effect the addicts very badly. ~~So~~ Effect of drugs are divided into:

- Short term effects.
- Long term effects.

Short term effect: - Loss of appetite.

- Weakness.

- Headache

- Nausea, vomiting etc.

- Lack of body coordination and loss of balance.

Long term effect; - Victim becomes lean and thin.

- Drug user cannot get timely education.

- It can cause different diseases like hepatitis B, HIV/AIDS, etc.

- It can cause death.

- Social prestige and reputation will be lost.

We can prevent drugs by using some preventive measures.
Some of them are:

- Say NO to drugs.

- Avoid bad company.

- Involve in recreational activities.

- General awareness about drugs, its causes, effects and prevention should be done.

- Government should make strict rules.

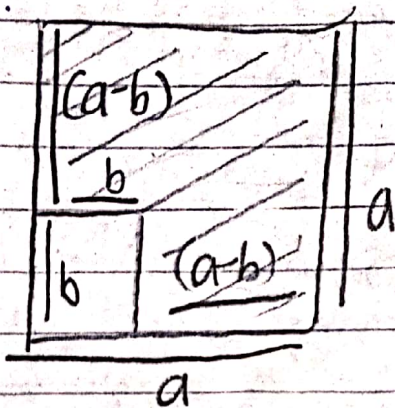
PROJECT WORK ON MATHEMATICS

- Geometrically verify the relation:
 $a^2 - b^2 = (a+b)(a-b)$

→ Samples

Showing $a^2 - b^2$ in a diagram,

1st part:

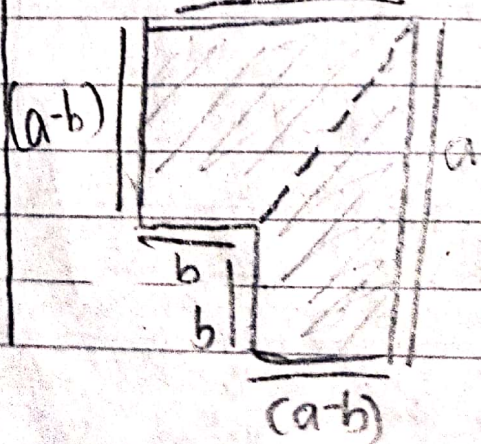


Area of Not shaded part

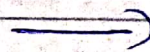
$$\therefore \text{Area of shaded part} = \text{Total area} - \text{Area of } b \times b$$
$$= a \times a - b \times b \quad [\because A = l^2]$$
$$= a^2 - b^2$$

2nd step:

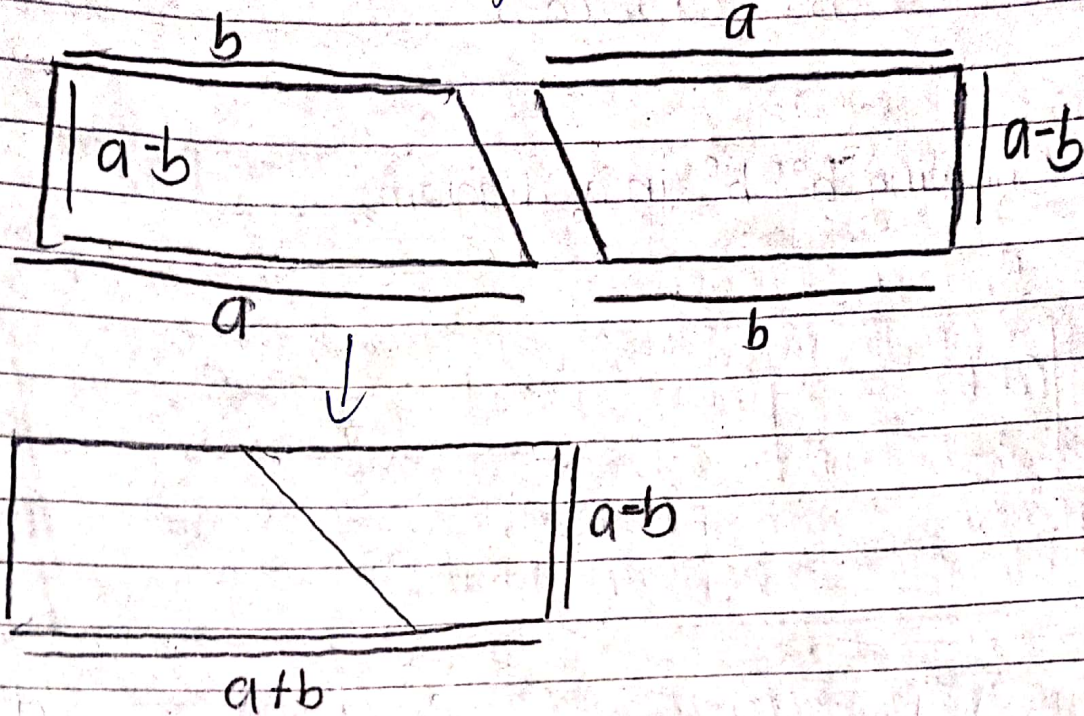
Removing the Non-shaded part;



Cutting and joining two parts;



Cutting and joining two parts;



In rectangle,

$$A = l \times b$$

$$\therefore A = (a+b)(a-b)$$

Since,

The rectangle is a part of the shaded region,

$$\therefore a^2 - b^2 = (a+b)(a-b)$$

VERIFIED //

नाम: अनुज सापकोटा
कक्षा: ८ ग
रोल नं: ६
विषय: नेपाली
शिक्षक: पवन विमरे

वैद्वेशी बिदाको ग्राहकार्य - कक्षा ८

१. खाली ठाउँमा मिल्ने शब्द दानेश भन्नुहोस्:

- १) 'उष्ण'को विपरीतार्थी शब्द उग्र हो। (शीत, उग्र, उष्ण)
- २) 'स्वाग' शब्दको अनेकार्थी हो। (पर्यायवाची, लघुतावाची, अनेकार्थी)
- ३) 'कलङ्क'को पर्यायवाची शब्द दाग हो। (कालो, दाग, भूत)
- ४) 'धक-ढक' श्रुतिसमन्वितार्थक शब्द हुन्। (मग्न-मग्न, धक-ढक, तार-पार)
- ५) 'धर्ती'को पर्यायवाची शब्द पृथ्वी हो। (वागन, सागर, पृथ्वी)
- ६) 'चिसो'को विपरीतार्थी शब्द तातो हो। (तातो, हिउँ, अगो)
- ७) 'स्वाग' अनेकार्थी शब्द हो। (स्वाग, शिर, शिर)
- ८) 'यश-यस' श्रुतिसमन्वितार्थक शब्द हुन्। (अनेकार्थी, पर्यायवाची, श्रुतिसमन्वितार्थी)
- ९) 'पशल'को लघुतावाची शब्द त्याद्धो हो। (मुठो, त्याद्धो, देर-को)
- १०) 'जनावर'को समावेश्य शब्द गाई हो। (गाई, ताँती, कुनिउ)
- ११) 'उर्थ' अनेकार्थी शब्द हो। (व्यर्थ, अर्थ, अनर्थ)
- १२) 'सूर्य'को विपरीतार्थी शब्द पर्यायवाची शब्द दिवाकर हो। (शशि, निशाकर, दिवाकर)
- १३) 'सुगम'को विपरीतार्थी शब्द दुर्गम हो। (बेगन, दुर्जन, दुर्गम)
- १४) 'चाड'को समावेश्य शब्द माघी हो। (उत्सव, मेला, माघी)
- १५) 'इश'को पर्यायवाची अक्षुर होइन। (देव, सुर, असुर)
- १६) 'दक्षिण' अनेकार्थी शब्द होइन। (पूर्व, उत्तर, दक्षिण)
- १७) 'कुसुम'को पर्यायवाची शब्द हो। (लहरा, सुमन, बगैँचा)
- १८) 'पवन' अनेकार्थी शब्द होइन। (पवन, कर, अर्थ)
- १९) 'थयार्थ'को उल्टो अर्थ दिने शब्द भ्रम हो। (निर्भर, भ्रम, सत्य)
- २०) 'वर' अनेकार्थी शब्द हो। (विपरीतार्थी, लघुतावाची, अनेकार्थी)

- २१) 'सुलता' को लघुतावाची शब्द केश्रो हो। (दानो, केश्रो, बोक्रा)
- २२) 'गोरेको' अपकार नदेस्ले 'लोई' साइदुवा भनिन्छ। (साइदुवा, कृतज, कृतहन)
- २३) 'कोट' अनेकार्थी शब्द हो। (कोट, शिर, खिर)
- २४) 'चरा' को समावेश्य शब्द मयूर हो। (मयूर, मादा, गाई)
- २५) 'सयपत्री' को समावेशी शब्द फूल हो। (सुरव, फूल, बास)
- २६) 'हर्ष' को विपरीतार्थी शब्द विस्मात् हो। (खुसी, हर्ष, विस्मात्)
- २७) 'माला' को पर्यायवाची शब्द हार हो। (हिमाल, हार, सहर)
- २८) 'खात' को श्रुतिस्मभिनार्थक शब्द खात हो। (सात, मात, खात)
- २९) 'अर्थ' को अनेकार्थक शब्द — हेइन। (तात्पर्य, पैसा)
- ३०) 'लसुन' को लघुतावाची शब्द पोटी हो। (दानो, पोटी, मोटी)
- ३१) 'पत्र' अनेकार्थी शब्द हो। (पत्र, सन्देश, सपना)
- ३२) 'धर्ती' को पर्यायवाची शब्द पृथ्वी हो। (गगन, सागर, पृथ्वी)
- ३३) 'चिसो' को विपरीतार्थी शब्द तातो हो। (तातो, हिउँ, आगो)
- ३४) 'स्वोग' अनेकार्थी शब्द हो। (स्वोग, शिर, खिर)
- ३५) 'प्रश-यस' श्रुतिस्मभिनार्थक शब्द हुन। (अनेकार्थी पर्यायवाची, श्रुतिस्मभिनार्थक)
- ३६) 'प्रशत' को लघुतावाची शब्द त्याब्दो हो। (मुठो, त्याब्दो, देस्को)
- ३७) 'जनावर' को समावेश्य शब्द गाई हो। (गाई, ताँती, कुनिउँ)

कागको रिश

कुनै ठाउँमा रुउटा ठुलो जमजडगल थियो। त्यहाँ धेरै जनावरहरू बस्थे। त्यहाँ काग र कोइली पनि बस्थे। एक दिन, रुउटा बिकारीले कोइलीलाई मार्न खोज्दा कागले त्यसलाई ढुंगोफो दियो।

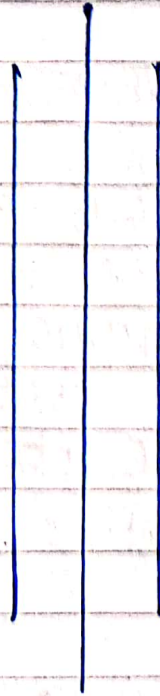
दुवैमा राम्रो मित्रता थियो। एक दिन उनीहरूले काठमाडौं
जाने विचार गरे। त्यहाँ गोदावरीमा उनीहरूको स्थाल काका
बस्थे। उनीहरू स्थाल काकाकोमा पुगे। त्यहाँ अरू जनाहरू
पनि थिए। सबैले मिलेर कार्यक्रम गर्ने विचार गरे। सिंह
बुबले नोचुभयो। त्यो झन्नाच देखेर कुरबुरे काकीले आफ्नो
आफ्ना दिइ र स्थाल काकाले आफु चनाखो गरको
बारेमा कथा सुनाए। कोइलीले गीत गाइ। त्यो गीतको
सबैले प्रशंसा गरे। कागले पनि गीत गायो तर त्यो गीतको
कसैले पनि मतलब दिइन। काग रिसारिस गोदावरीबाट
क यु. स्न पार्क तिर उड्यो। कोइलीले अफलाई रोकिन र
स्थाल काकाले सम्झाए। उनीहरूले कागलाई नरिसाउन
अनुरोध गरे। कागले काकाले भनेको मान्यो। काग
फेरी गोदावरी तिर फर्क्यो र सबैसँग मिलेर बस्ने
वाचा गर्यो।

शिष्टाभा आफुसँग अरुलाई कहिले पनि दाँज्ने हुँदैन।

नेपालीको

परियोजना

कार्य



पठाउने: अनुज थापकोटा
ट 'व्याप्तिका'
शेता नं.: ६

पठाउने: पवन छिमेरे
[नेपालीको
विभाग]

माधव प्रसाद घिमिरे

माधव प्रसाद घिमिरेको जन्म वि.सं. १९७६ असोज ७ गते भएको हो। उनी स्वच्छन्दतावादी भावधारा र परिष्कारवादी शैली भएका कुशल नेपाली साहित्यकार र गीतकार हुन्। उनको जन्म लमजुङ जिल्लाको पुस्तुन गाँउमा भएको हो। उनी तीन वर्ष हुँदै उनकी आमाको स्वर्गवास भयो। उनी ११वर्षको उमेरमा घर बाहेर पाठशालामा भर्ना भए।

उनले 'नेपाली स्वच्छन्दतावादी' भन्ने साहित्यिक आन्दोलनको नेतृत्व गरेका थिए। उनले धेरै कथा र कविताहरू लेखेका छन्। उनका केही प्रकाशित कविताहरू, छापामानी, नयाँ नेपाल, किन्नर-किन्नरी हुन्। उनले लेखेका कवितामा राष्ट्रप्रेमका भावनाहरू मिल्कन्दन। उनले लेखेका केही कविताहरूले धेरैको मन जितेका छन्। जस्तै : नव मञ्जरी, गौरी, मालती मडगुले, हिमालपारि, हिमालवारी, राजेश्वरी, इन्द्रकुमारी, राष्ट्रनिर्माता, किन्नर किन्नरी, चारु चर्चा र आफ्नो बासुरी आफ्नै गीत।

उनी धेरै पुरस्कारले सम्मानित भएका छन्। वि.सं. २०५४ सालमा उनी आफ्ना कृतिका लागि साभान पुरस्कारले पुरस्कृत भएका छन्। उनी वि.सं. २०५८ सालमा चारु चर्चा (निबन्ध) का लागि साभान पुरस्कारले पुरस्कृत भएका थिए। उनलाई 'राष्ट्रकवि' 'राष्ट्रकवि' को उपाधिले सम्मान गरिएको छ। उनीलाई वि.सं. २०६७ सालमा पद्मश्री साधना सम्मान पुरस्कारले पुरस्कृत गरियो।

उद्दालर्ह वि.सं. २००५मा महा उज्ज्वल पदकाबल सम्मानित
गारुको छ।

उनको निधन वि.सं. २०७७ साल भाद्र शुक्ले काठमाडौं
को लैनचौरस्थित विवाशमा १०१ वर्षको उमेरमा भएको
हो।

Name: Any Sapkota
Class: 8^G
Roll no: 6
Subject Teacher:
DR. Kate)

Dashain Vacation Work Of English Grade 8 - 2077

1. Kartik 7, 2077,

→ I started my day with a sip of hot lemonade. After that, I watched TV for sometime. Then, I played with my ball and I learned to throw top spin ball. I tried it in my house's terrace and the ball went to another house near my home. I made game in unity and tested it after sometime. Then, I watched IPL at night. Then, I slept.

2. Kartik 8, 2077

→ Today, I started my day with ^a ~~the~~ fresh tea. I studied and did my homework. Then, I went to terrace. Then, the neighbour aunt came and gave me the ball. I played with it for a long time. Then, we went to go for shopping because we had to go chitwan tomorrow. Then, we watched IPL for sometime. After that, we slept.

3. Kartik 9, 2077

→ I started my day with a cup of

milk and oats. Then, I got ready to go chitwan. We started our journey. Mother had made chicken roast and chatpat for our trip. We sang songs and we reached to our home happily. After that, we ate ~~lunch~~ lunch. We played cricket and we slept.

4.) Kartik 10, 2077

→ Today is dashami. I started my day with a bathe. I wore clean clothes. Then, I went with my ~~ma~~ family to wear tika from my great grandmother. We used safety measures as much as we can as she is 94 years old. ~~Then~~ After that, we ate chyangra [himalayan goat]. This dashain was memorable as we stayed in our home whole day. Then, we slept.

5.) Kartik 11, 2077,

→ Today, I started my day with a sip of coffee and tiger biscuit. After that, I did my Maths and O. Maths homework. Then, we

played among us game in real life in which there is 1 or 2 impostor which is chosen by one of our uncle and aunt. The impostor has to kill and sabotage everyone. And, the crewmates have to be safe from being killed and have to complete their tasks. Then, we slept.

6) Kartik 12, 2077,

Today, I started my day with a cup of milk and puffed rice. Then, I played cricket with my brothers. We played for 2 hours. We took a shower after ~~taki~~ playing cricket. Then, we played Murderer detective and Mafia game. After that, we watched TV and did my vacation work. Then, I slept.

7) Kartik 13, 2077,

I started my day with a refreshing sip of milk and ~~se~~ roti. It was very delicious. Then, I played cricket for sometime with my ~~for~~ brothers. Then, we watched TV for sometime. I did my works which

were left. At last, we slept.

8) Karthik 14, 2022

Today, I started my day with buzzing sound of bees as all the bees in my house came in our room due to the brightness of light. We took a sip of hot coffee with biscuit and started the day. We tried to make 3d model of heart for science p.w so we made 2d model of the human heart. Then, we made model of a working non stop heron's water fountain. We ate Chatpate. We played cricket also. It was fun. At last, we slept.

2 no.



2. Write ~~a~~ ^{any} review of ~~a~~ two movies you've already watched:

(i) Avengers infinity war.

Directors: Anthony Russo, Joe Russo

Writers: Christopher Marcus, Stephen McFeely, etc.

Cast:

Robert Downey Jr. as Tony Stark/Ironman

Chris Hemsworth as Thor

Mark Ruffalo as Hulk

Chris Evans as Captain America

Scarlett Johansson as Black Widow, etc.

Release Date: April 23, 2018

Budget: 316 million USD

Box office: 2.048 billion USD

Story:

Avengers must be ready to sacrifice stop Thanos [An intergalactic warlord] from getting all infinity stones hidden in the universe. They must be ready to fight with him and even sacrifice if needed. But, Thanos also has a big plan to stop the Avengers.

My Review: [10/10] It is a very good movie for the people who like superheroes.

11) Jumanji: Welcome To the Jungle

Director: Jake Kasdan

Producers: Matt Tolmach and William Teitler

Writers: Chris McKenna, Erik Sommers

Cast: Dwayne Johnson as Spencer

Kevin Hart as Fridge

Jack Black as Bethany

Karen Gillan as Martha

Nick Jonas as Alex, etc.

Release date: December 5, 2017

Box office: 962.1 million USD

Story:

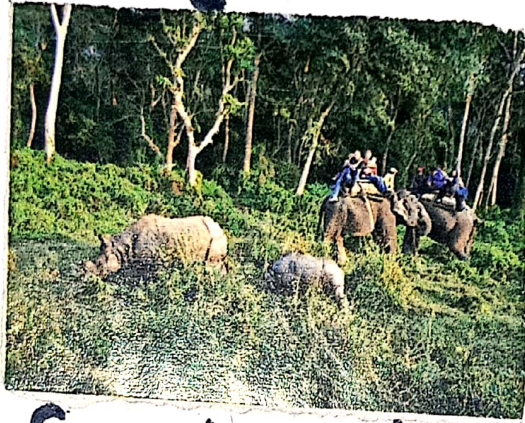
In this movie, 4 teenage students are stuck in a magical game in which they, and they reach to the jungle world of Jumanji. They have to work together and finish the game to return to the real world.

My Review: [9.5/10] I like this movie very much but if the characters were children in the game instead of being adults, it would be more fun to watch.

TRAVEL BROCHURE

CHITWAN

It is a very good
place.



Sauraha, Chitwan

It covers an area
of 2,238.39 km².

RHINOCEROS



HISTORY

Chitwan got its name by the Chitwan valley, located in Nepal's Inner Terai.



It is said that Chitwan got its name by two words: 'Chitta' which means heart and 'Ban' which means jungle. Therefore, Chitwan means 'Heart of Jungle'!

OCCUPATION

Farming is the main occupation in Chitwan.



Farming

Tourism sector is also important there.



Hotel

SPECIAL ITEMS

Food: Thas is a famous food item which is the food attraction of Chitwan.

Sport:



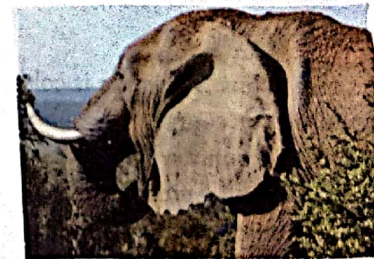
Elephant polo; Chitwan is famous for Elephant polo.

PLACES TO VISIT

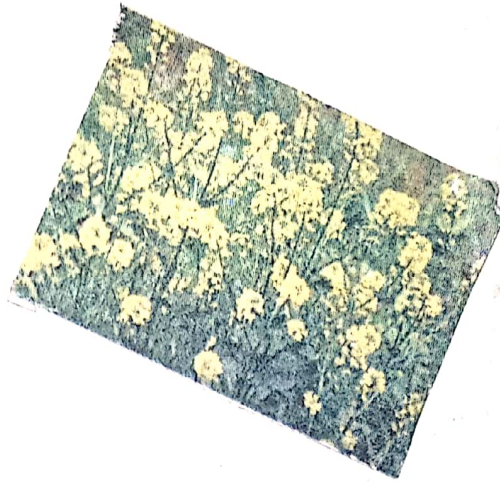
Chitwan National Park



Elephant Breeding Center

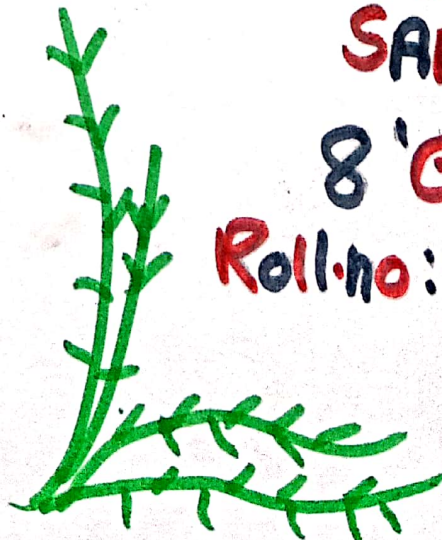


MAKE
SURE
YOU
VISIT
CHITWAN!



-ANUJ
SAPKOTA

8 'G'
Roll.no: 6



10(407A)

10(407A)

Name: Anuj Sapkota

Class: 8

Model of Human

HEART

HEART

