



केंद्रीय विद्यालय बीएसएफ भिखीविंड

ग्रीष्मकालीन अवकाश गृहकार्य (2025-26)

कक्षा: 8

- 1) दिवाली पर निबंध (दो से तीन पेज) ।
- 2) पत्र (बहन की शादी पर) ।
- 3) संज्ञा की परिभाषा (20 उदाहरण) और संज्ञा के भेद (उदाहरण सहित) ।
- 4) विशेषण की परिभाषा (20 उदाहरण) और विशेषण के प्रकार (उदाहरण सहित)।
- 5) आपने गर्मी की छुट्टियां कैसे बिताई? इस दौरान आपकी दिनचर्या कैसी रही? लिखिए ।
- 6) कबीरदास की 05 साखियों का संकलन करें तथा अर्थ सहित लेखन करें व याद करें ।
- 7) 10 पेज सुलेख लिखें ।

Subject -English
HOLIDAY HOMEWORK FOR CLASS- VIII, SESSION- 2025-26)

Dear students,

The most awaited vacation is about to begin!! Summer vacation brings easy mornings, relaxing afternoons and playful evenings. It also brings a good time to plunge into the sea of imagination and creativity. So let's get ready to learn something new every day.

SUBJECT- ENGLISH

1. **DIARY ENTRY**- Make diary entries at least **for 15 days**. Follow the format. Use past tense. Underline the verbs and encircle the nouns after writing.
2. **READING**- Read any three pages from English book everyday LOUDLY before your parents **for 15 days**. Concentrate in reading fast. Maintain the reading record.

SL NO	DATE	Name of the lesson	Page nos.

3. Write and learn **five** inspirational thoughts.
4. Write five difficult words daily with their meanings and learn them.
5. **MDP**-Work on any one of the following topics. There should be minimum 8 to 10 to five pages related to the topic . Collect pictures, newspaper articles, poems, story etc for every subject. Do not go for printed and expensive things for designs.

- I. Environment and You
- II. Water conservation

A file should be made with decorative pages . The pages should include Introductory page, definition, explanation of the topic, articles , newspaper cuttings, coloured pictures print outs etc.

CLASS 8TH SUB:- SOCIAL SCIENCE

1. Prepare a presentation on the following topics:-

Rollno. 1 to 15 (Topic Democracy)

Rollno. 16 to 30 (Topic Theocracy)

Rollno. 31 to 44 (Topic Autocracy)

2. Read and write the preamble of Indian

Constitution and explain the meaning of

any 3 and 4 words that are written in the

Preamble and their importance in Indian

Democracy.

(Example word - Liberty)

3. Roll no. 1-11 make a model map of Indian.

Roll no. 12-22 make a model on Historical place.

Roll no. 23-32 make a model on Globe.

Roll no. 33-44 make a model on Currency of Indian with capital.

Holiday Home Work (Science) Class- 8

1. Design a comic strip on plant and animal classification.
2. Find out information about millets, its importance and paste picture of various millets on chart paper.
3. Design a mini project on plant diversity in my locality.
4. Paste picture of various comparison of food and find the importance of balanced diet.
5. Plant the seeds given to you at your home and take care of that plant. Take photos of each step and make a collage with detail examination.

CLASS 8 HOMEWORK (MATHS)

Solve for the unknown in the following equation:

(1) $8x = 6x + 10$

(2) $4 = 5x - 6$

(3) $13y = -12y + 100$

(4) $18x = -13x + 62$

(5) $5x + -3 = 12$

(6) $3(x + 1) = 6$

(7) $7(m - 9) = 35$

(8) $8(x + 3) + 2 = 42$

(9) $16 - 3(x - 7) = -14$

(10) $3(x + 5) = 15$

(11) $12(3 - x) = 48$

(12) $5x + 8(2x - 9) = 54$

(13) $\frac{x}{6} = 5$

(14) $\frac{m}{3} = 4$

(15) $\frac{m}{4} = \frac{1}{2}$

(16) $\frac{x}{11} = 6$

(17) $\frac{x}{5} = 7$

(18) $\frac{x}{7} = 4.5$

(19) $\frac{r}{9} = -11$

(20) $\frac{x}{-4} = \frac{1}{8}$

(21) $\frac{x}{-4} = \frac{3}{4}$

(22) $\frac{x}{2} = -39$

(23) $\frac{5z - 7}{3z} = 2$

(24) $\frac{2y + 5}{y + 4} = 1$

(25) $\frac{2x + 1}{3x - 2} = \frac{5}{9}$

(26) $\frac{2x}{3x + 1} = -3$

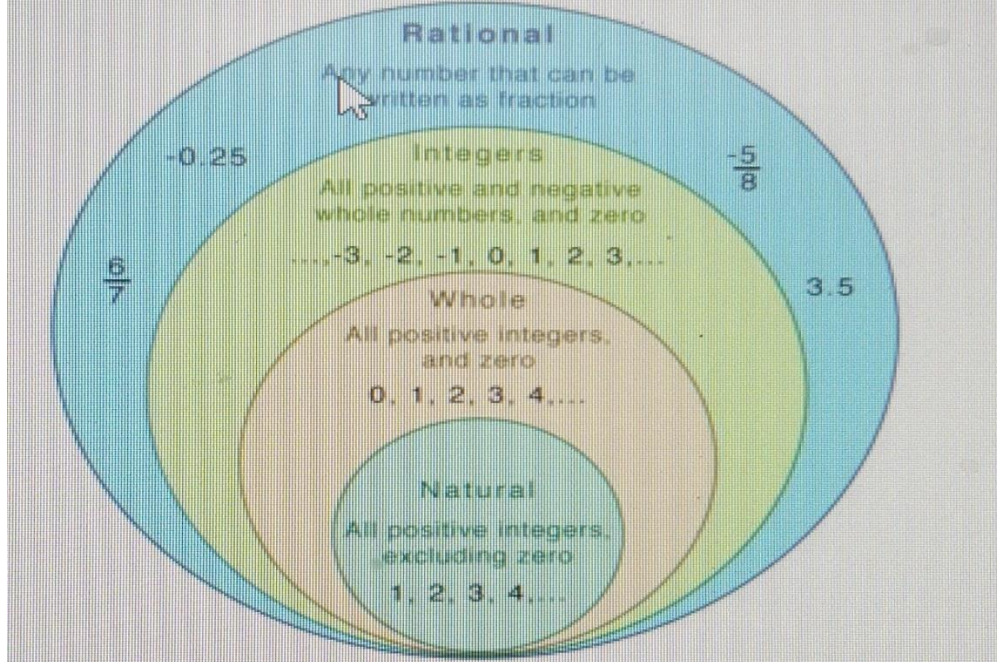
(27) $\frac{5y}{3} + \frac{2}{5} = 1$

(28) $\frac{x}{2} + \frac{x}{3} + \frac{x}{4} = 13$

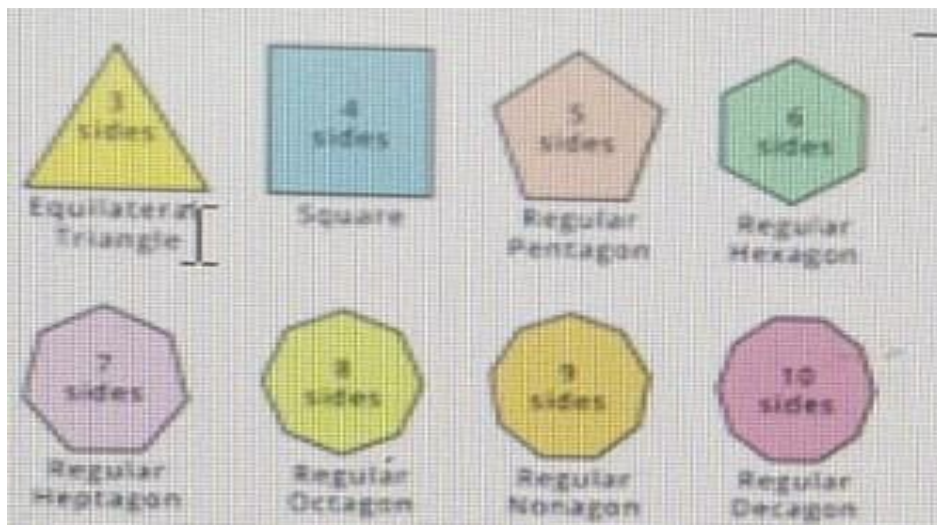
(29) $\frac{2x}{3} - \frac{3x}{8} = \frac{7}{12}$

DRAW THIS ON A CHART PAPER.

Ask the students to perform the activity as shown below starting from natural number to rational.



DRAW THE GIVEN BELOW FIGURES AND PASTE THEIR CUT OUTS ON THE CHART PAPER

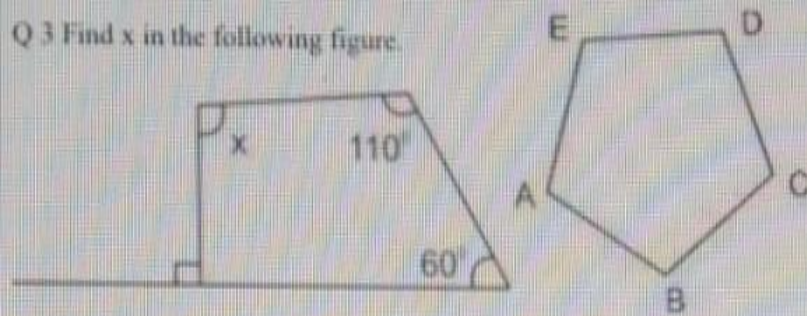


SOLVE INN YOUR NOTE BOOK

Q 1 Name the regular polygon with 8 sides

Q 2 Find the measure of each interior angle in the given regular polygon.

Q 3 Find x in the following figure.

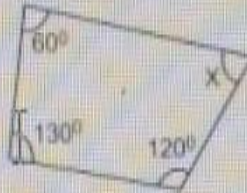


Q 4 Find the measure of each exterior angle of a regular polygon of 9 sides.

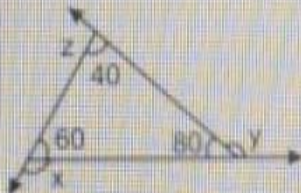
Q 5 Name the quadrilateral whose diagonals are perpendicular bisector of each other.

Q 6 Name a quadrilateral with exactly one pair of parallel sides.

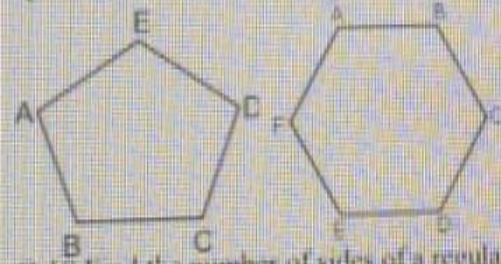
Q 7 Find x in the following figure.



Q 8 Use the figure given below to find $x + y + z$.



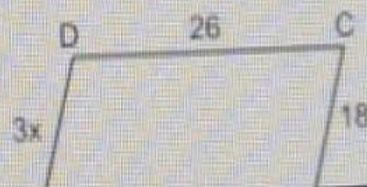
Q 9 Find the sum of the angles in the figures given below.



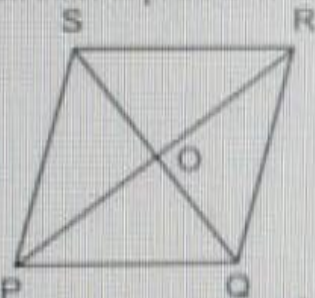
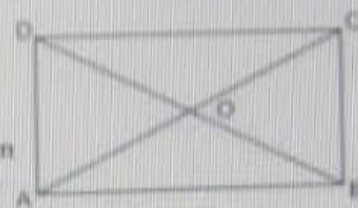
Q 10 Find the number of sides of a regular polygon whose each exterior angle has a measure of 60° .

Q 11 The length of two adjacent sides of a parallelogram are 4 cm and 3 cm. Find its perimeter.

Q 12 In the following figure, given a parallelogram ABCD. Find x and y .

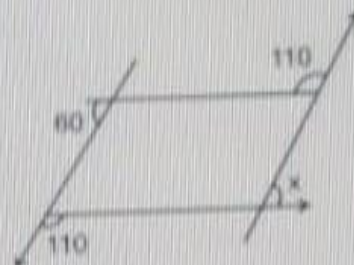


Q 13. The diagonals AC and BD of rectangle ABCD intersect each other at point O. If $OA = 5$ cm, find AC and BD.



Q 14. In parallelogram PQRS, given that $OQ = 4$ cm, and PR is 5 more than SQ. Find OP.

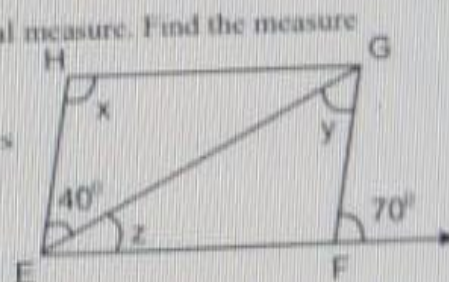
Q 15. Find the measure of x in the following figure.



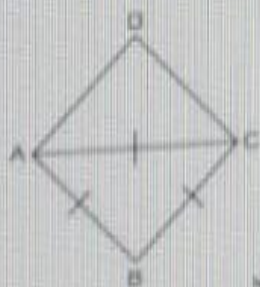
Q 16. The measure of two adjacent angles of a parallelogram are in the ratio of 2 : 3. Find the measure of each of the angles of the parallelogram.

Q 17. Two adjacent angles of a parallelogram have equal measure. Find the measure of each of the angles of the parallelogram.

Q 18. EFGH is a parallelogram. Find the angle measures x , y and z .

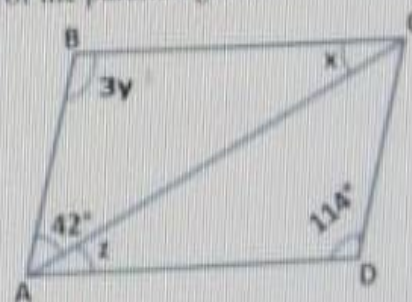


Q 19. The diagonal AC of rhombus ABCD is equal to one of its sides BC. Find all the angles of rhombus.

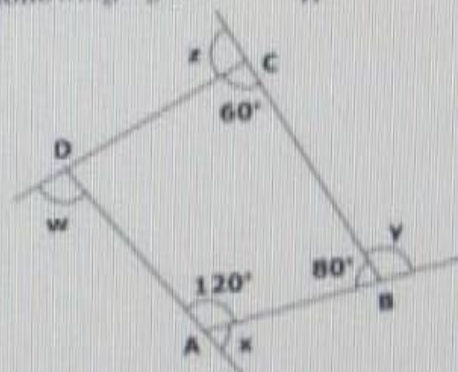


Q 20. Two adjacent angles of a parallelogram are $(3x - 4)$ and $(3x + 10)$. Find the angles of the parallelogram.

Q 21 Find the values of x , y and z in a parallelogram ABCD shown in the figure given below.



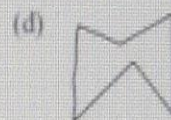
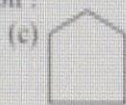
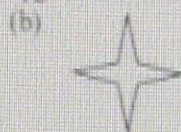
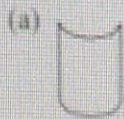
Q 22 Find $x + y + z + w$ shown in the following figure:



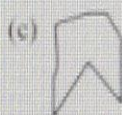
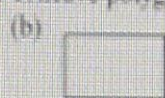
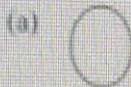
1. A simple closed curve made up of only _____ is called a polygon.
(a) curves (b) line segments (c) lines (d) closed curves
2. A polygon with minimum number of sides is
(a) Pentagon (b) Square (c) triangle (d) angle
3. Polygons that have no portions of their diagonals in their exteriors are called
(a) Squares (b) triangles (c) convex (d) concave
4. Polygons that have any portions of their diagonals in their exteriors are called
(a) Squares (b) triangles (c) convex (d) concave
5. All the sides of a regular polygon are _____.
(a) Parallel (b) equal in length (c) not parallel (d) not equal
6. All the angles of a regular polygon are of _____.
(a) 90° (b) 60° (c) equal measure (d) equal length
7. Sum of all interior angles of a polygon with (n) sides is given by
(a) $(n - 2) \times 180^\circ$ (b) $n - 2 \times 180^\circ$ (c) $(n + 2) \times 180^\circ$ (d) $n + 2 \times 180^\circ$

1. The measure of each interior angle of a regular polygon is 140° , then number of sides that regular polygon has _____
 (a) 15 (b) 12 (c) 9 (d) 10

2. Which of the following polygons is convex polygon?

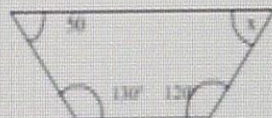


3. Which of the following is concave polygon?



4. The value of x in the following figure is

- (a) 120° (b) 80°
 (c) 100° (d) 60°

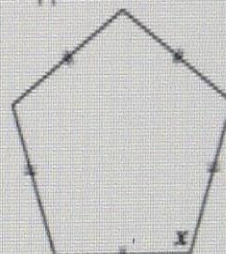


5. A quadrilateral which has 2 pairs of equal adjacent sides but unequal opposite sides is called

- (a) parallelogram (b) rhombus (c) kite (d) square

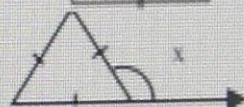
6. The value of x in the following figure is

- (a) 100° (b) 90°
 (c) 108° (d) 120°



7. The value of x in the following figure is

- (a) 120° (b) 180° (c) 60° (d) 100°



8. A parallelogram each of whose angles measures 90° is

- (a) rectangle (b) rhombus (c) kite (d) trapezium

9. A parallelogram whose all sides are equal is called

- (a) square (b) rhombus (c) rectangle (d) trapezium

10. The diagonals of a rhombus bisect each other at _____ angles.

- (a) acute (b) right (c) obtuse (d) reflex

Part 1: What is Artificial Intelligence?

Task:

Write a short essay (150-200 words) on:

- * What is Artificial Intelligence?
- * How is AI used in daily life?
- * Mention 3 examples (e.g., Alexa, Google Maps, ChatGPT, etc.)

Part 2: AI Around You

Task:

Create a scrapbook or PPT with **pictures and brief descriptions** of at least **5 AI applications** you use or see around you (smartphones, banking, games, etc.)

Part 3: AI vs Human Intelligence

Task:

Make a comparison chart between **Human Intelligence** and **Artificial Intelligence**.

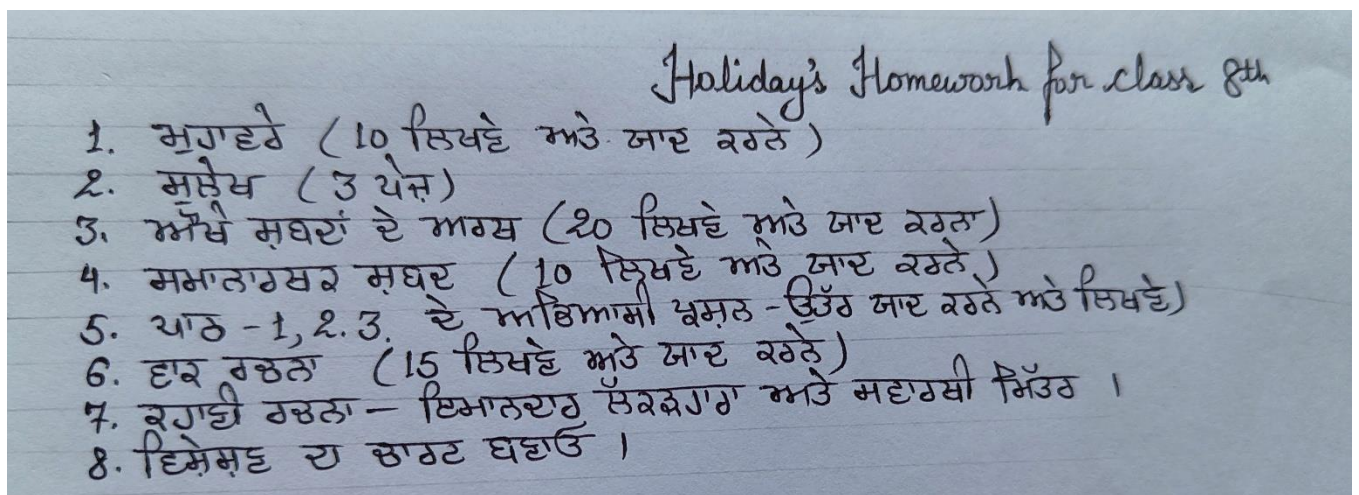
Include categories like:

- * Learning ability
- * Emotions
- * Creativity
- * Speed
- * Accuracy

Part 4: Fun with AI (Optional)

Task:

Try one AI-based game or app like **Quick, Draw!**, **Google Teachable Machine**, or **ChatGPT**. Write 5 lines on what you did and what you learned.



Holiday Assignment (Summer Vacation)

Class 8

Subject - Vocational Education

QUESTIONS:

Ques 1: What are the safety requirements when working on electrical equipment? Write down atleast 10 points.
(on A3 Sheets)

Ques 2: Tools and Components

1. Write and draw the common tools used for electrical work.
2. Write about the following electronic components with their diagrams and symbols:

(Resistor, Cell, Battery, LED, Buzzer etc.) (on A3 sheets)

Project:

Make a Simple LED Light Circuit Using a 9V battery, Switch and LED.

