

KENDRIYA VIDYALAYA CHITTARANJAN
SUMMER VACATION HOLIDAY HOMEWORK(2023-24)

CLASS VIII ; SUBJECT – MATHS

1. Solve the following linear equations with colourful paper cutting and pasting.

(a) $x + 5 = 8$

(b) $3 + y = 6$

(c) $z - 3 = 8$

(d) $x + 5 = 2x + 7$

(e) $y - 6 = 9$

2. Show the following types of quadrilateral with the help of colourful paper cutting and pasting such that their properties we can see in this activity. Also write the properties for each type of quadrilateral.

(a) Parallelogram (b) Rhombus (c) Rectangle

(d) Square (e) Kite (f) Trapezium

3. Show the following with the help of colourful paper cutting and pasting. Also write the definition for each.

(Five types of examples should be taken for each.)

(a) Curve (b) Open curve (c) Closed curve (d) Simple closed curve (e) Polygon (f) Concave polygon

(f) Convex polygon (g) Regular polygon (h) Irregular polygon.

4. Show different types of convex polygon (from 3 sided polygon to 10 sided polygon) with colourful paper cutting and pasting. Also find the sum of interior angles for each convex polygon by using the formula

$$(n - 2) \times 180^\circ$$

Where $n =$ *Number of sides of convex polygon.*

5. Complete the Learner 's diary of taught chapter.

6. MDP(Multi disciplinary project) Tourist Visit in Tamilnadu.