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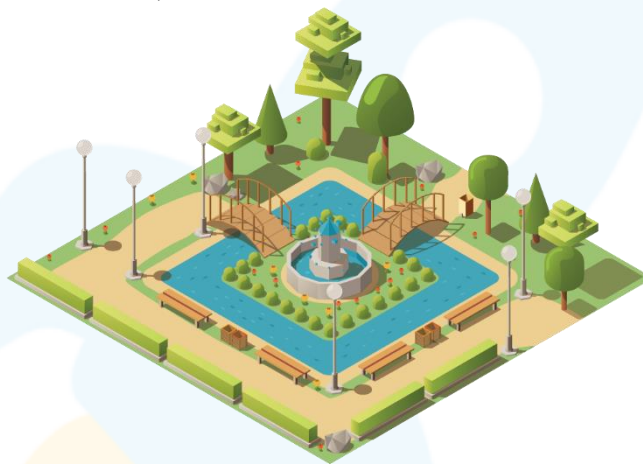
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PERIMETER OF QUADRILATERALS WORKSHEET II

- 1) Calculate the perimeter of the side faces of the cube whose edge is 12 cm.
- 2) The inner perimeter of a rectangular room is 500 in. Its height is 5 in. What is the amount to be spent to paint the walls of the room at the rate of \$1 per square inch (inclusive of doors and windows)?
- 3) A square park has a perimeter of 360m. Find its area.



- 4) The length and the breadth of a rectangular garden are 500 m and 200 m, respectively. Find
 - i) Its perimeter.
 - ii) the cost of the land, if 10 m^2 of the land costs \$200.
- 5) Find the perimeter of the kite shaped like a rhombus of side length 12 in.
- 6) A rectangle made out of a wire has length of 40 cm and breadth 22 cm. If the same wire is again bent in the shape of a square, what will be the measure of each side?

7) Match the following:

Length, width	Perimeter
i) 61, 44	a. 220
ii) 55, 62	b. 210
iii) 76, 34	c. 234

8) Find the perimeter of a book cover if the size of the book cover is $10'' \times 15''$.

9) What will be the perimeter of the computer screen if its width is 21 in and the height of the screen is 13 in.

10) The perimeter of a rhombus is 32 unit, and the height is 6 unit. The area of a rhombus is.
a. 42 sq. units
b. 48 sq. units
c. 50 sq. units
d. 58 sq. units

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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	48 cm
2)	\$2500
3)	Breadth = 15 cm Area = 525 cm^2
4)	Perimeter = 1400 m Cost = \$20,00,000
5)	48 in
6)	50 ft
7)	i) b, ii) c) iii) a)
8)	50 in.
9)	68 in
10)	48 sq. units

FUN FACT

1. Perimeter of all geometrical shapes.
2. Surface area is used in everyday life with respect to:
Painting/polishing a surface.
Gift wrap needed for a gift.
Dimensions of cardboard for making a box etc.
3. Let n be the number of sides of a regular polygon, then its perimeter is given by $n \times \text{side length}$.

