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For Grades 1 - 10



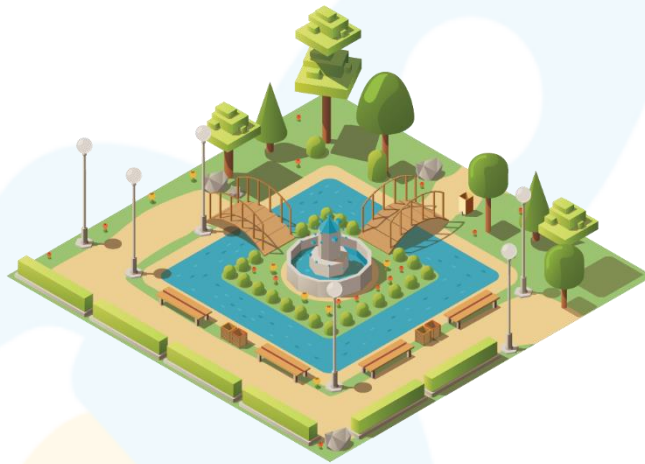
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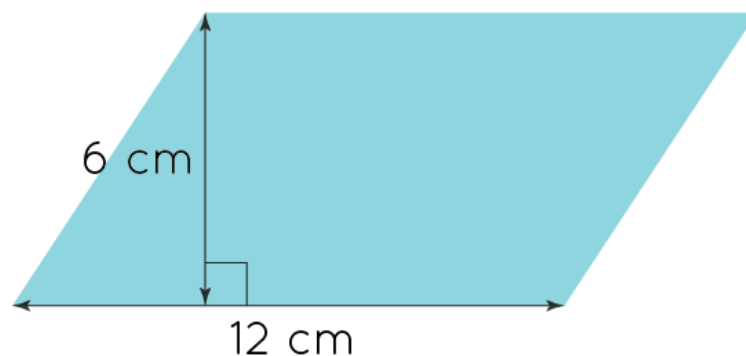
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Quadrilateral Worksheet II

- 1) Calculate the lateral surface area 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 area
 - ii) the cost of the land, if 10 m^2 of the land costs \$200.
- 5) Find the area of the given parallelogram:



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? Also compare the two areas.

7) Match the following:

Length, width	Area
i) 61, 44	a. 3410
ii) 55, 62	b. 2584
iii) 76, 34	c. 2684

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

9) What will be the area 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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in an interesting way,
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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."

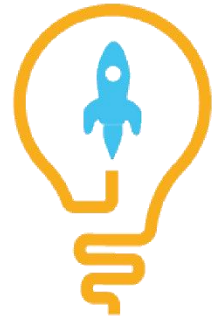
- Kirk Riley

"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)	576 cm^2
2)	\$2500
3)	Breadth = 15 cm Area = 525 cm^2
4)	Area = 100000 m^2 Cost = \$20,00,000
5)	72 cm^2
6)	50 ft
7)	i) c, ii) a) iii) b)
8)	150 sq. in.
9)	273 sq. 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 $n \times \text{side length}$.

