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PERIMETER OF QUADRILATERALS WORKSHEET I

- 1) The perimeter of a rectangular land is 180 m. If the breadth of the land is 30 m. Find the length and area of the land.

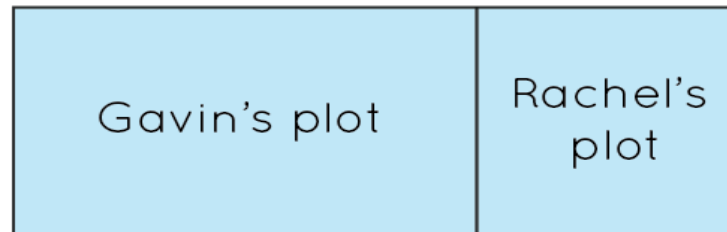


- 2) The length of a square farm is 200 m. Find:
a. Its perimeter
b. The cost of the land, if 1 m² of the land costs \$100.



- 3) The perimeter of a rectangular sheet is 100 cm. If the length is 35 cm, find its breadth. Also find the area.

- 4) Gavin's and Rachel's plots are shown below. The perimeter of Gavin's rectangular plot is 600 m and Rachel's square plot is 400 m. If Gavin buys Rachel's plot, what is the new perimeter of his land in km?



- 5) Find the perimeter of a rhombus of side length 6 ft.
- 6) A rectangular garden has a perimeter of 280 feet. The north side of the garden is 90 feet. What is the length of the east side of the garden?
- 7) A square floor having 25 m as the edge length is made up of 125 smaller rectangular tiles. If the length of each tile is 2.5 m, find its width.
- 8) Perimeter of a rectangle = 2 (Length + Breadth)
 a) True b) False

- 9) Match the column:

Perimeter of a square		Area	
1.	84	a.	324
2.	80	b.	361
3.	72	c.	400
4.	76	d.	441

- 10) If a road is constructed of length 200 units with width 5 units, what is the perimeter of the road?

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- 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."

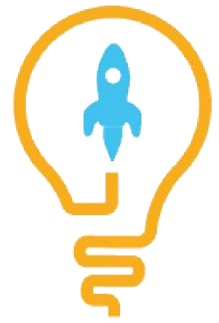
- Kirk Riley

"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)	Length = 60 m Area = 1800 m^2
2)	Area = 800 m Cost = \$40000
3)	Breadth = 15 cm Area = 525 cm^2
4)	800m
5)	64 Units
6)	50 ft
7)	2 m
8)	a
9)	1 d, 2 c, 3 a, 4 b
10)	410 units

FUN FACT

- 1) We can find the 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 $n \times \text{side length}$.

