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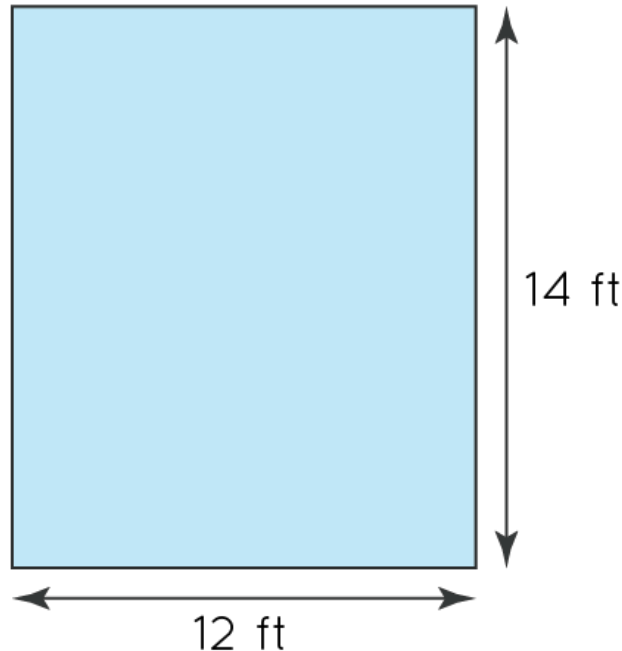
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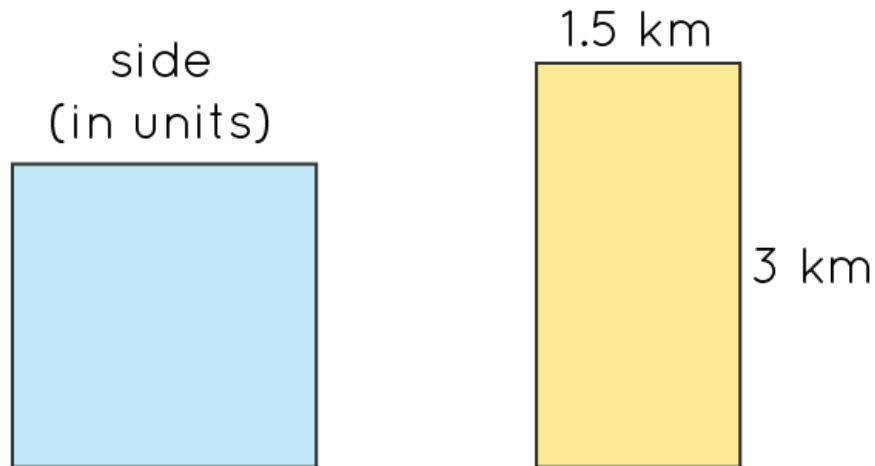
PERIMETER, AREA, AND VOLUME WORKSHEET, II

- 1) The perimeter of the given figure is _____ ft.



- 2) Find the volume of a cylinder with base radius 7 in and height 14 in.
- 3) What will be volume of a hexagonal prism if the height of prism is 20 ft and area of the base is 300 sq. ft.?
- 4) What will be the volume of a sphere of radius 55 ft?
- 5) A heptagonal shaped coin has an edge length 1.2 mm. Find the perimeter of the coin
- 6) Emanuel was flying a kite which is shaped like a rhombus. He wants to find the perimeter of the kite if the length of the side of the kit is 12 in.
Perimeter of the kite is_____.
- 7) Trevor bought a cylindrical vessel of radius 40 in. He wants to know the quantity of water that vessel can old. Find the volume of the vessel if the height of the vessel is 50 in.

- 8) If it is known that the perimeter of both figures is equal. Calculate the length of the side of the first figure.



- 9) Find the area of a circle of radius 14 in.
- 10) Find the area of a triangle if the length of the base is 56 units and height of the triangle is 45 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."

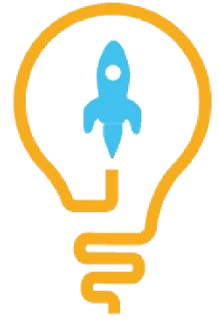
- Kirk Riley

"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)	52
2)	2156 cubic in
3)	6000 cubic ft
4)	6.9691×10^5
5)	7.2 mm
6)	48 in
7)	6.9691×10^5
8)	2.25 km
9)	616 sq. in
10)	1260 sq. units

FUN FACT

- 1) The length and width of a rectangle is called its dimensions.
- 2) Circumference is the other name for perimeter of a circle.
- 3) Different rectangles may have same areas but different perimeters. Try finding the area, and perimeters of rectangles with dimensions 20×20 and 40×10 .

