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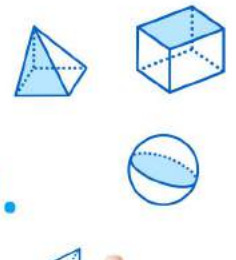

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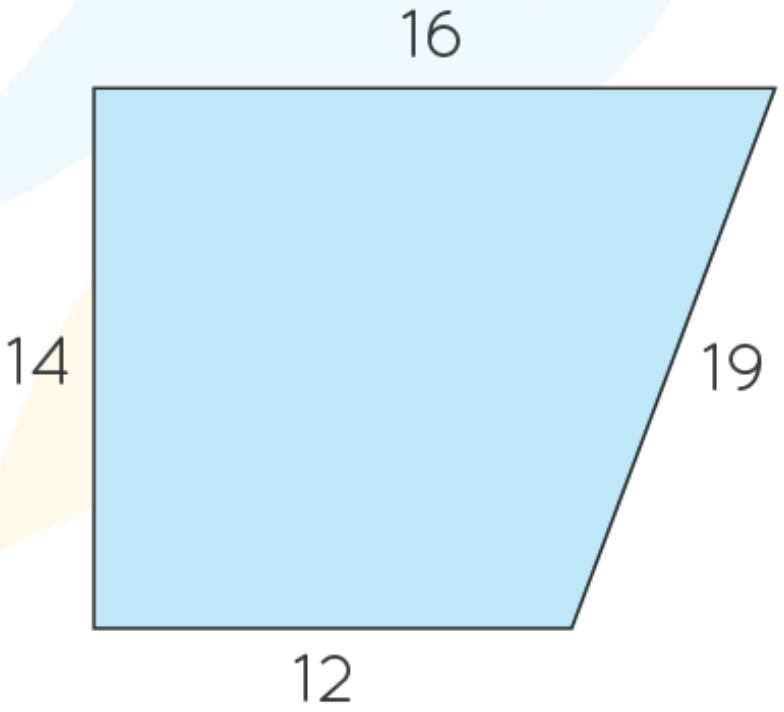
PERIMETER OF QUADRILATERALS WORKSHEET III

1) A ground in a shape of a parallelogram needs to be fenced by a wire. The one side of the parallelogram is 8 inches, and the area of ground is 120 sq. inches respectively. Find the minimum length of wire needed for the work.

2) A rectangular piece of cloth is 44 in long and 25 in wide. Find the length of the string of beads that needs to be stitched along the boundary of the cloth for decoration.

3) Find the perimeter of the given shape:



4) Find the perimeter of the swimming pool shaped like a rectangle of width 40 ft and 30 ft.

5) State whether the following statement is true or false:
If two rectangles have the same perimeter, then they must have the same area.

6) Which of the following has a smaller perimeter?

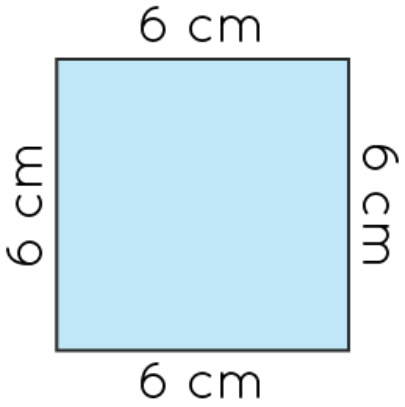


Figure 1

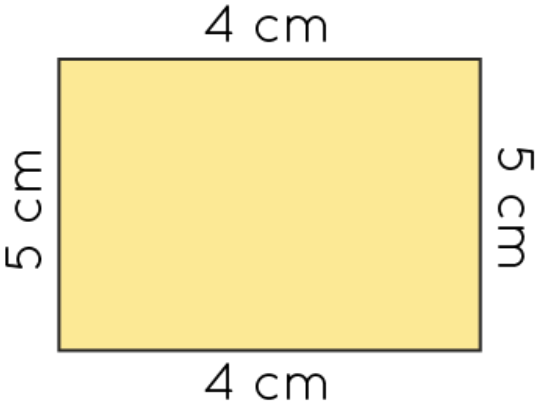


Figure 2

7) Find the perimeter of a rhombus with length of the side as 16 units.

8) Match the following:

Shapes	Perimeter
a) Square with side length 7 m	i) 50m
b) Rectangle with length 8 m and breadth 4 m	ii) 28m
c) Trapezium with side lengths 10m, 17m, 15m and 8m	iii) 24m
d) Rhombus with side 4.5m	iv) 18 m

9) Find the perimeter of a square of side length 200 in.

10) The length of a rhombus is 32 unit. The perimeter of rhombus is _____ units.

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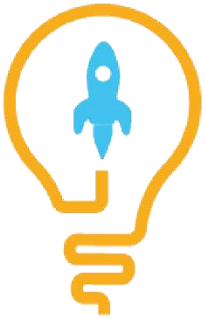

ANSWERS

1)	15 in
2)	12
3)	61 units
4)	140 ft.
5)	False
6)	Figure 2
7)	64 units
8)	a: ii), b: iii), c: i), d: iv)
9)	800 in
10)	128

FUN FACT

1) Quadrilateral with 4 right angles is known as rectangle.

2) A quadrilateral that has two sets of parallel sides is known as parallelogram.

3) Kite is a common example of rhombus.