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AREA OF SQUARES AND RECTANGLES WORKSHEET II

- 1) State whether the given statement is true or false:
Areas of the rectangles will be same if the perimeters of the rectangles are same.
- 2) Theodore bought a birthday card. Find the area of the card if the shape of the card is square and the length of the side of the card is 22 in.



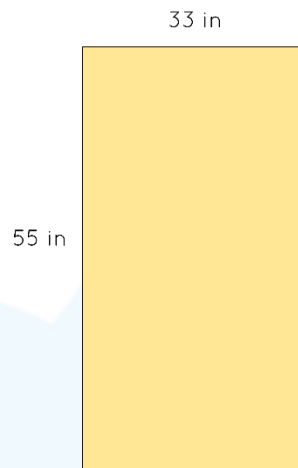
- 3) Gerrard wants to know the area of the American flag of dimensions $3' \times 5'$. Find the area of the flag.
- 4) What will be the length of the square garden if the area of the garden is 400 sq. unit?
- 5) If the area of the LED TV screen is 300 sq in. If the length of the screen is 30 units. Find the length of the diagonal of the screen.



6) Ivan wants to paint the wall in his room. If the length of the wall is 30 ft, and width of the wall is 25 ft. Find the total cost of paint if the paints costs \$50 per sq. ft.

7) If the length of the diagonal of the rectangular garden is 50 yard and the width is 40 yards. Find the area of the garden.

8) Find the area of the given rectangular:



9) If the area of the baseball ground is 6000 sq. ft. If the length of the ground is 150 ft. Find the total distance Bianca will cover if she runs one round on the outfield.

10) Windowpane has an area of 3000 square meters. If the height of the windowpane is 75 m. Find the width.

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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."

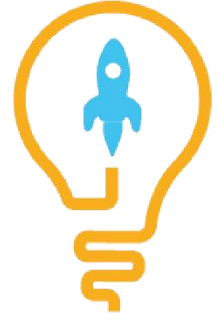
- Kirk Riley

"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)	False
2)	484 sq. in
3)	15 sq. in
4)	20 units
5)	31.6
6)	\$37500
7)	1200 sq. yards
8)	1815 sq. in
9)	380 ft
10)	40 m

FUN FACT

1. The length and width of a rectangle are 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 areas and perimeters of rectangles with dimensions 20×20 and 40×10 .

