

# Area of a Rectangle

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- 1) Melanie wants to redesign the pathway in the garden, which has a length of 12 feet and a width of 5 feet. She plans to use rectangular stepping stones. If each stepping stone is 2 feet long and 1 foot wide, how many of these stones will Melanie require?
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- 2) A square room has sides measuring 6 yards each. If a rectangular room with a width of 4 yards has the same area as the square room, what is the length of the rectangular room?

- 3) A rectangular room has a length of 12 meters and a width of 8 meters. What is the area of the room?

- 4) A rectangular room has a length of 15 meters and a width of 10 meters. What is the area of the room?

**Preview**

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- 5) Ethan is constructing a rectangular basketball court in his backyard. If the length of the court is 20 feet longer than its width, and he sets the width to be 30 feet, what is the area of the basketball court?
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