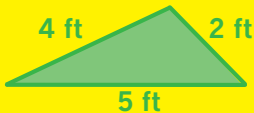


# A Place for Primates

## What to Do

Wright spent months hiking through the jungle to define the perimeter of Ranomafana National Park (see map above). Perimeter is the distance around the edge of a closed shape. To find the perimeter of an object, add the lengths of all its sides.

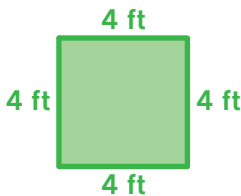
**Example:** What is the perimeter of the shape below?



$$2 + 4 + 5 = 11$$

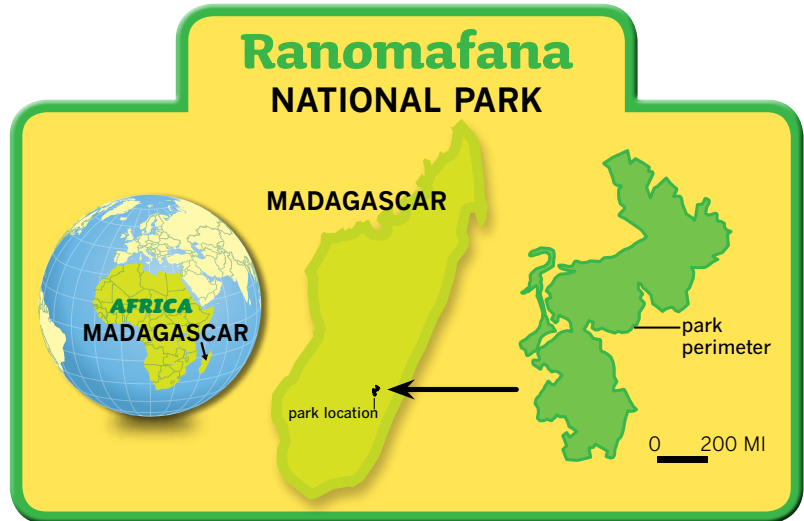
The perimeter is 11 feet.

**1** A park ranger's hut is a small building where rangers can greet visitors as they enter the park. This is the outline of the floor:

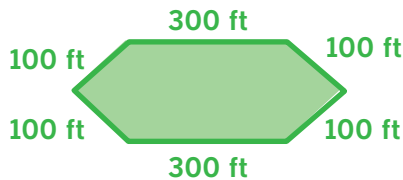


What is the perimeter of the floor of the ranger's hut?

## Ranomafana NATIONAL PARK

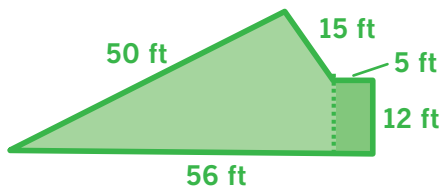


**2** Different types of lemurs often have a range of forest in which they like to roam. The shape below is the estimated home range of a mouse lemur in Ranomafana.



What is the perimeter?

**3** The park's main research building has an interesting shape.



**A** What is the perimeter of the entire building?

**B** What is the perimeter of the shaded rectangular part on the right side of the building?

**4 Think About It** You're in charge of designing a lemur habitat at your local zoo. The habitat will be a hexagon with two sides that are each 15 feet, with the other sides all of equal length. The total perimeter will be 46 feet. On a separate sheet of paper, draw the habitat's shape and label the lengths of its sides.