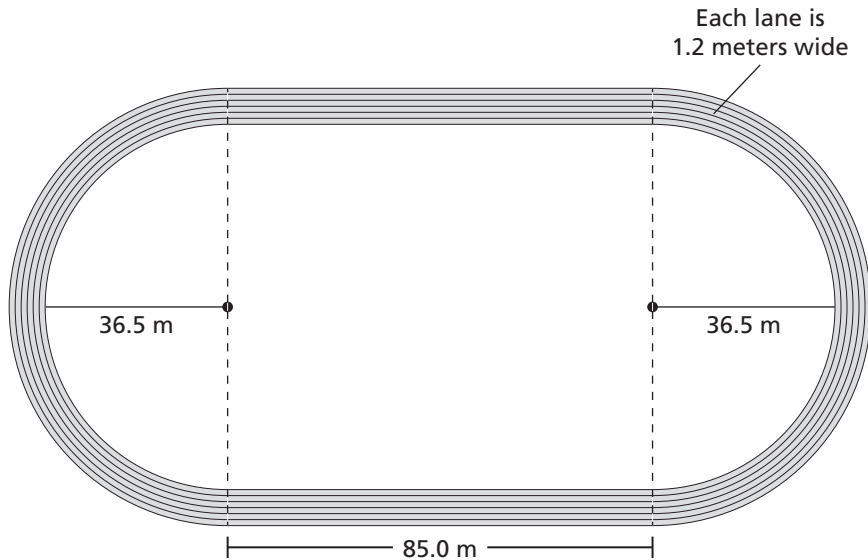


**Chapter
8****Performance Task** (continued)**Finding the Area and Perimeter of a Track**

How can you use formulas you already know to find the area and perimeter of a composite figure?

The six-lane track shown is made up of a rectangle and two semicircles.



1. In the straightaways, each lane is a rectangle. What is the area of each lane in the straightaways? What is the total area of the six lanes in one of the straightaways?
2. What is the perimeter of each lane in the straightaways? What is the perimeter of the larger rectangle made up of the six lanes in one of the straightaways?

