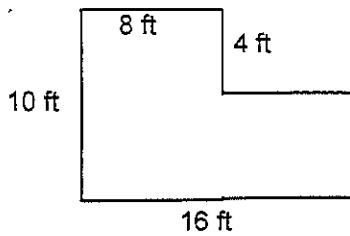


Area, Perimeter and Circumference

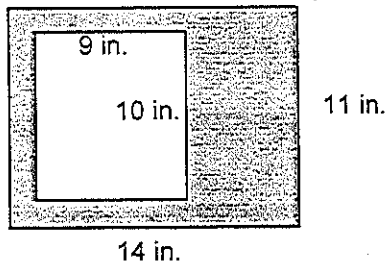
Use the figure below to answer questions 22 and 23.



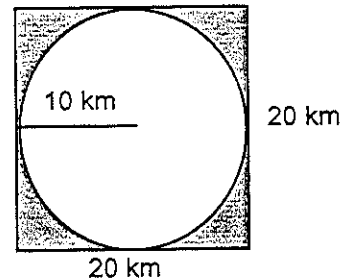
22. What is the perimeter of this compound figure?

23. What is the area of this compound figure?

24. Find the area of the shaded region.



25. Find the area of the shaded region.



26. Susan makes a rectangular rug that has an area of 300 square inches and a width of 15 inches. What is the length of the rug?
27. What is the total length of weather stripping needed for 12 windows that each measure 90 cm by 12 cm?
28. The radius of a tire is 1.2 feet. How far will you travel after ten complete rotations of the tire?
29. A bicycle tire rim has a diameter of 24.5 inches, and the tire is 2.25 inches thick. Find the circumference of the outside of the tire.
30. You ride a Ferris wheel that has a circumference of 108 feet. Estimate the diameter of the Ferris wheel.
31. A park is 300 yds by 500 yds. There is a 4 wide foot walking path going around the entire perimeter of the park. The rest of the park is green space. How much green space is there in the park?