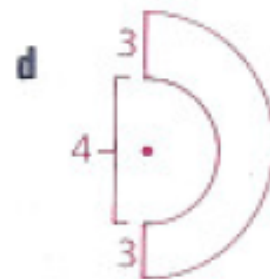
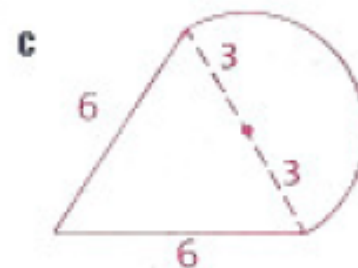
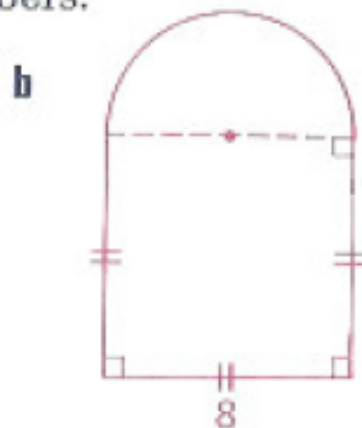
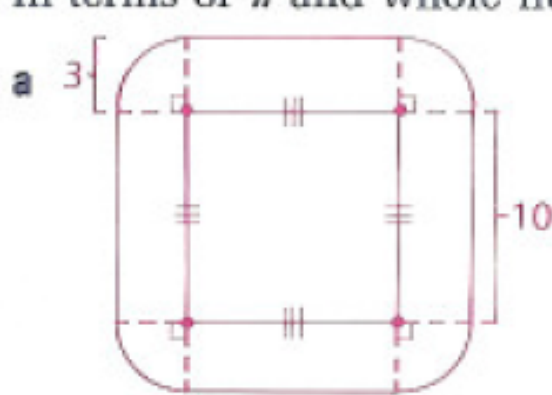


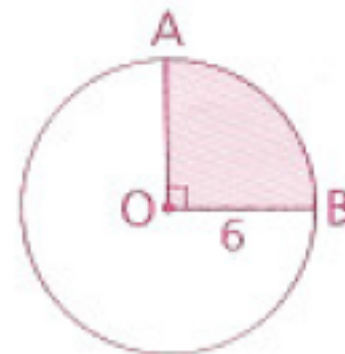
Homework

p.501: 5, 6, 9, 12, 15

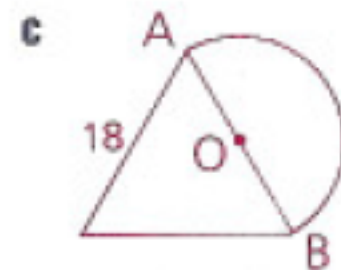
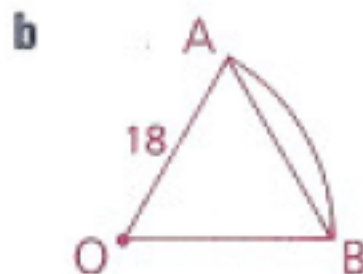
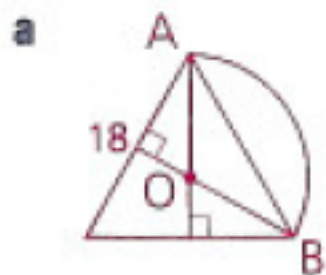
- 5 Find the complete perimeter of each figure. Leave your answers in terms of π and whole numbers.



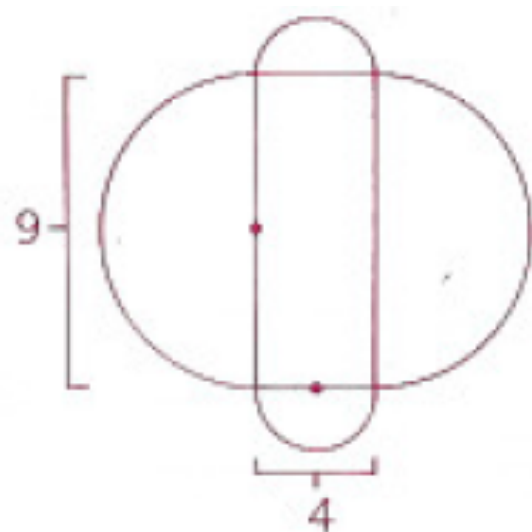
- 6 a Find the length of \widehat{AB} .
b Find the perimeter of sector AOB. (The shaded region is a sector.)



- 9 Given arcs mounted on equilateral triangles as shown, find the length of each arc. In each case \overline{OA} is a radius of \widehat{AB} .



- 12** Find the outer perimeter of the figure, which is composed of semicircles mounted on the sides of a rectangle.



- 15** Find the distance traveled in one back-and-forth swing by the weight of a 12-in. pendulum that swings through a 75° angle.

